

7152

<220>

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<222> (53)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8036

Leu Tyr Leu Phe Gln Leu Leu Ile Phe Cys Cys Cys Leu Ile Phe Leu
1 5 10 15

Ala Cys Leu Leu Val Glu Leu Tyr Ile Arg Ser His Ser Lys Lys Ala
20 25 30

Asn Ser Lys Thr Pro Lys Glu Tyr Tyr Arg Leu Asn Tyr Arg Arg Gln
35 40 45

Ile Pro Ser Leu Xaa Trp Glu Asn Gly Leu Glu Gly Arg Asn Val Ala
50 55 60

Arg Val Pro Gln Lys
65

<210> 8037

<211> 33

<212> PRT

<213> Homo sapiens

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<400> 8037

Gly	Arg	His	Val	Xaa	Asp	Xaa	Xaa	Gly	Pro	Arg	Pro	Arg	Arg	Asp	Xaa
1				5				10						15	

Asn	Ser	Xaa	Phe	Arg	Pro	Xaa	Ala	Leu	Tyr	Pro	Xaa	Gly	Xaa	Lys	Pro
			20					25						30	

Gln

<210> 8038

<211> 47

<212> PRT

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<400> 8038

Gln	Asn	Ile	Asn	Ala	Tyr	Asn	Leu	Gly	Gly	Thr	Xaa	Arg	Gly	Lys	Gly
1				5				10						15	

Ala	Pro	Asn	Pro	Xaa	Phe	Gly	Asp	Xaa	Ser	Lys	Tyr	Xaa	Gln	Lys	Cys
			20					25						30	

Ile	Pro	Leu	Met	Glu	Thr	Ile	Thr	Leu	Ile	Asn	Ala	Xaa	Ile	Tyr
			35					40					45	

<210> 8039

<211> 91

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7156

Lys Tyr Leu Pro His Lys Ser Cys Cys Xaa Lys Thr Gly Gly Leu Gly
 65 70 75 80

Xaa Asn Leu Xaa Ile Lys Glu Phe Ala Thr His
 85 90

<210> 8040

<211> 61

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<400> 8040

Glu Lys Ile Gly Xaa Ser Arg His Arg Lys Pro Tyr Ser Thr Val Val
 1 5 10 15

Leu Ser Lys Lys Ala Leu Leu Ile Cys Gly Cys Xaa Leu Gln Lys Gln
 20 25 30

Leu Gln Val Xaa Ser Trp Phe Thr Cys Pro Phe Arg Ser Ile Asn Leu
 35 40 45

Ile Gly Xaa Ala Glu Ala Gly Ala Ile Xaa Ile Gln Val
 50 55 60

7157

<210> 8041

<211> 64

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<400> 8041

Leu	Leu	Ile	Lys	Asn	Xaa	Leu	Cys	Leu	Arg	Glu	Ile	Tyr	Ala	Phe	Leu
1				5					10					15	

Lys	Ser	Thr	Ser	Glu	His	Val	Pro	Arg	Ser	Ser	His	Arg	Phe	Cys	Leu
			20					25					30		

Val	Gly	Thr	Gly	Lys	Phe	Ser	Arg	Lys	Tyr	Xaa	Leu	Cys	Val	Met	Thr
		35					40					45			

Xaa	Gln	Tyr	Cys	Gln	Ser	Ala	Met	Xaa	Tyr	Phe	Ala	Phe	Phe	Tyr	Pro
	50						55				60				

<210> 8042

<211> 40

<212> PRT

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7158

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<400> 8042
Xaa Xaa Ser Gln Ser Glu Asp Ala Xaa Thr Ala Glu Glu Thr Glu Ala
1 5 10 15
Glu Arg Xaa Ala Pro Arg Leu Ala Leu Pro Ala Pro Ala Ala Ala Ser
20 25 30
Gly Gly Pro Pro Lys Xaa Arg Xaa
35 40

<210> 8043
<211> 69
<212> PRT
<213> Homo sapiens

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<400> 8043
Leu Tyr Trp Ile Thr Xaa Xaa Thr Glu Thr Gln Thr His Tyr Asp Asp
1 5 10 15
Asn Leu Thr Leu Leu Glu Glu Xaa Xaa Asp Asn Leu His Ala Xaa His
20 25 30
Asn Xaa Ile Ser Gly Thr Trp His Met His Ser Ser Met Glu His Xaa
35 40 45

7160

Leu Ala Leu Pro Leu Ser Phe Lys Ala Gln Gly Thr Xaa Thr Ile Thr
50 55 60

Val Lys Pro Xaa Pro
65

<210> 8044

<211> 48

<212> PRT

<213> Homo sapiens

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<220>

<221> SITE

<222> (44)

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8044

Asn	Xaa	Pro	Gly	Xaa	Leu	Ile	Xaa	Val	Glu	Lys	Arg	Xaa	Trp	Gly	Thr
1				5					10					15	
Pro	Leu	Ala	Gly	Val	Thr	Pro	Gly	Ser	Pro	Gly	Ile	Phe	Pro	Gly	Gly
			20					25					30		
Ser	Xaa	Pro	Xaa	Xaa	Gly	Pro	Ala	Phe	Ile	Ser	Xaa	Met	Ile	Gly	Lys
			35				40					45			

<210> 8045

<211> 35

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8045

Lys	Xaa	Ala	Thr	Ala	Xaa	Arg	Ser	Leu	Asn	Gly	Glu	Trp	Leu	Leu	Cys
1					5				10					15	
Leu	Val	Ser	Gly	Ile	Phe	Lys	Pro	Gly	Ala	Glu	Arg	Gly	Ala	Gly	Gly
			20					25					30		
Xaa	Asp	Phe													
			35												

<210> 8046

<211> 52

7162

<212> PRT

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8046

Xaa	Ser	Xaa	Lys	Gly	Pro	Gly	Pro	Gly	Pro	Lys	Gly	Pro	Pro	Gly	Pro
1				5				10						15	

Gly	Gly	Pro	Lys	Gly	Gly	Ala	Pro	Lys	Gly	Gly	Phe	Leu	Arg	Gly	Lys
			20					25					30		

Ala	Gln	Arg	Xaa	Leu	Ser	Lys	Pro	Pro	Asn	Trp	Xaa	Gly	Xaa	Asn	Trp
			35					40					45		

Xaa	Arg	Gly	Lys
			50

<210> 8047

<211> 56

<212> PRT

7163

<213> Homo sapiens

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8047

Pro	Lys	Leu	Val	Leu	Leu	Glu	Ala	Thr	Thr	Ser	Thr	Glu	Thr	Leu	Lys
1				5					10					15	

Asn	Ile	Pro	Ser	Ser	Met	Leu	Arg	Leu	Thr	Phe	Asp	Thr	Gly	Met	Gly
			20					25					30		

Ile	Ser	Ile	Trp	Ser	Tyr	Leu	Ser	Cys	Val	Thr	Xaa	Gln	Leu	Tyr	His
		35					40					45			

Ser	His	Cys	Gln	Glu	Val	Leu	Xaa
	50					55	

<210> 8048

<211> 24

<212> PRT

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7164

<400> 8048

Pro Ser Xaa Ala Asn Ser Arg Asn Leu Trp Phe Phe His Arg Ala Val
 1 5 10 15

Leu Xaa Xaa Thr Ser Met Xaa Gln
 20

<210> 8049

<211> 18

<212> PRT

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<400> 8049

Ala His Xaa Leu Leu Ser Ile Pro Glu Ser Trp Phe Leu Phe Ile Thr
 1 5 10 15

Glu Xaa

<210> 8050

<211> 50

<212> PRT

<213> Homo sapiens

<400> 8050

Ala Ala Trp Ala Ala Ala Ser Cys Gln Pro Pro Pro Pro Arg Pro Cys
 1 5 10 15

Leu Arg Arg Thr His Lys Asn His Ala Ser Phe Leu Pro Gln Pro Leu
 20 25 30

Met Glu Ser Ser Ala Arg Ser Ala Thr Lys Pro Arg Lys Met Ile Leu
 35 40 45

Ala Cys
 50

7165

<210> 8051

<211> 33

<212> PRT

<213> Homo sapiens

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<400> 8051

Glu	Pro	Xaa	Arg	Arg	Xaa	Arg	Ser	Asn	Ile	Xaa	Thr	Ile	His	Asn	Gly
1				5					10					15	

Xaa	Ala	Lys	Asn	Ile	Asn	Glu	Ile	Leu	Tyr	Ile	Arg	Asn	Xaa	Gln	Ala
			20					25					30		

Leu

<210> 8052

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<212> PRT

<213> Homo sapiens

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 <400> 8052
 Leu Pro Glu Leu Thr Thr Thr Leu Leu Xaa Xaa Leu Xaa Thr Asp Ala
 1 5 10 15

 Pro Ser Thr Leu Ser Asp Xaa Gly Asn Ala Asn Tyr Ile
 20 25

 <210> 8053
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 <400> 8053
 Met Thr Thr Tyr Gly Glu Tyr Ser Xaa Asn Ser His Asp Pro His Tyr
 1 5 10 15

7167

Gly Arg Gln Thr His Xaa Leu Trp Glu Thr Leu Met Gly Xaa Cys Lys
 20 25 30

Lys

<210> 8054

<211> 25

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8054

Gly Leu Gly Ser Ala Xaa Ala Lys Thr Glu Trp Leu Asp Ala Lys His
 1 5 10 15

His Xaa Leu Ala His Ser Thr Phe Xaa
 20 25

<210> 8055

<211> 127

<212> PRT

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Pro Thr Arg Pro Val Arg Ser Arg Phe Ser Arg Gly Gly Arg Arg Trp
1 5 10 15

Arg Glu Arg Ala Pro Glu Ser Leu Arg Ala Arg Trp Gly Gly Ala Gly
20 25 30

Glu Ser Gly Arg Pro Glu Asp Val Gly Val Tyr Val Trp Lys Ser Gly
35 40 45

Arg Val Leu Leu Phe Val Arg Ala Phe Glu Asn Cys Leu Pro Leu Ser
50 55 60

Glu Glu Ser Thr Arg Asn Leu Pro Ser Ser Ala Gly Ser Pro Ala Leu
65 70 75 80

Ser Ser Pro Thr Gln Ala Ser Val Gly Glu Val Gly Ser Ala Pro Asp
85 90 95

Pro Arg Leu Glu Leu Leu Pro Arg Xaa Pro Met Xaa Thr Lys Xaa Ala
100 105 110

Xaa His Glu Pro Pro Ala Trp Asp Pro Val Ala Pro Ile Xaa Pro
115 120 125

<210> 8056

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8056
Glu Glu Ile Asp Lys Val Lys Ala Ser Leu Tyr Ile Ser Phe Trp Glu
1 5 10 15
Xaa Xaa Ser Xaa Xaa Xaa
20

<210> 8057
<211> 52
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<400> 8057

Gly Gly Gly Val Lys Lys Arg Ala Leu Trp Gly Phe Lys Pro Gly Pro
1 5 10 15

Xaa Trp Ala Gln Arg Gly Phe Xaa Pro Pro Gly Val Ser Pro Arg Gly
20 25 30

Xaa Lys Phe Phe Pro Pro Gly Gly Gly Phe Pro Gly Asn Xaa Pro Asn
35 40 45

Arg Xaa Xaa Phe
50

<210> 8058

<211> 17

<212> PRT

<213> Homo sapiens

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<400> 8058

Gly	Leu	Xaa	Leu	Asp	Xaa	Glu	Arg	Pro	Xaa	Phe	Leu	Gly	Val	Arg	Xaa
1				5				10					15		

Thr

<210> 8059

<211> 75

<212> PRT

<213> Homo sapiens

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<400> 8059

Glu	Xaa	Pro	Glu	Gly	Leu	Arg	Pro	Leu	Leu	Arg	Gly	Ser	Gly	Ala	Trp
1				5				10						15	

Arg	Asp	Gly	Pro	Pro	Pro	Thr	Leu	Tyr	Pro	Pro	Thr	Pro	Glu	Glu	Asp
			20					25					30		

Gly	Gly	Lys	Lys	Ile	Thr	Leu	Pro	Ala	Cys	Ser	Pro	Ala	Ala	Phe	Leu
		35					40					45			

Leu	Phe	Pro	Leu	Phe	Val	Leu	Ser	Ser	Pro	Cys	Pro	Leu	Ser	Ser	Arg
	50					55					60				

Arg	Arg	Gly	Gly	Val	Ala	Thr	Gly	Leu	Pro	Val
65					70				75	

<210> 8060

<211> 66

<212> PRT

<213> Homo sapiens

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7172

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<400> 8060

Leu	Gly	Glu	Phe	Trp	Phe	Trp	Phe	Phe	Lys	Ile	Phe	Xaa	Thr	Gln	Asn
1				5					10					15	

Asp	Phe	Ser	Cys	Phe	Leu	Leu	Leu	Thr	Ile	Phe	Pro	Asp	Gly	Val	Gln
			20					25					30		

Arg	Pro	Leu	Leu	Lys	Gln	Leu	Leu	Ala	Pro	Leu	Ala	Ser	Xaa	Val	Glu
		35						40				45			

Ser	Phe	Lys	Asp	Arg	Thr	Pro	Met	Phe	Arg	Lys	Xaa	Glu	Xaa	Gly	Leu
	50						55				60				

Leu	Gln
65	

<210> 8061

<211> 52

<212> PRT

<213> Homo sapiens

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<222> (50)

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<400> 8061

Cys Phe Lys Cys Cys Ser Trp Lys Ala Asp Asp Val Ser Cys Arg Arg

1

5

10

15

Trp Thr Leu Lys Asn Ile Pro Gly Asn His Gly Ser Met Xaa Ser Leu

20

25

30

Leu Xaa Ile Val Ser Ala Leu Val Leu Trp Lys Ile Tyr Leu Phe Trp

35

40

45

Cys Xaa Lys Ala

50

<210> 8062

<211> 75

<212> PRT

<213> Homo sapiens

<220>

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<222> (68)

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<222> (72)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (75)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8062

Ala Trp Phe Arg Pro Ala Val Trp Gln Thr Met Gly Ser Leu Cys Val

1

5

10

15

Val Leu Gly Ala Gly Phe Arg Gln Tyr Leu Ala Phe Pro Trp Trp Lys

20

25

30

Ser Leu Ser Pro Pro Ala Leu Gly Arg Asn Trp Phe Leu Leu Gly Gly

35

40

45

Ala Trp Leu Leu Pro His Pro His Pro Ala Gly Thr Leu Thr Gly Ser

50

55

60

7174

Ser Pro Asp Xaa Ser Leu Pro Xaa Pro Leu Xaa
 65 70 75

<210> 8063

<211> 31

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8063

Gly Asn Ile Arg Ser Ser Leu Val Gln Glu Lys Gly Arg Arg Leu Arg
 1 5 10 15

Gln Gln Glu Arg Leu Ser Gly Ser Lys Pro Ser Gly Xaa Xaa Xaa
 20 25 30

<210> 8064

<211> 16

<212> PRT

<213> Homo sapiens

<220>

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<222> (6)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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7175

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8064

Leu	Ser	Phe	Arg	Ser	Xaa	Ala	Ala	Ala	Leu	Phe	Phe	Xaa	Phe	Tyr	Xaa
1				5					10					15	

<210> 8065

<211> 28

<212> PRT

<213> Homo sapiens

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<222> (5)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8065

Ala	Leu	Val	Ser	Xaa	Tyr	Asn	Gln	Pro	Leu	Xaa	Lys	Xaa	Cys	Ile	Thr
1				5					10					15	

Glu	Thr	Pro	Gly	Phe	Thr	Glu	Asn	Phe	Leu	Arg	Xaa
			20						25		

<210> 8066

<211> 43

<212> PRT

<213> Homo sapiens

7176

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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (41)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8066
 Leu Glu Val Asp Xaa Glu Glu Ser Thr Arg Cys Tyr Pro Ala Arg Xaa
 1 5 10 15
 Lys Xaa Ile Leu Phe Pro Trp Phe Ser Leu Ser Leu Arg Thr Ser Tyr
 20 25 30
 Phe Ile Xaa Pro Ser Ser Arg Xaa Xaa Leu Leu
 35 40

<210> 8067
 <211> 20
 <212> PRT
 <213> Homo sapiens

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7177

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<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 8067

Gln Met Arg Ser Gln Xaa Leu Lys Glu Gln Xaa Xaa Ser Tyr Lys Leu

1

5

10

15

Ala Phe Asp Phe

20

<210> 8068

<211> 53

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8068

7178

Arg Phe Trp Met Ala Thr Met Arg Ser Thr Arg Leu Cys Tyr Tyr Phe
1 5 10 15
Leu Ser Phe Ala Ser Cys Val His Asn Asn Ser Lys Glu Val Thr Leu
20 25 30
Phe Ala Met His Gln Ile Xaa Met Met Xaa Phe Phe Leu Xaa Tyr Xaa
35 40 45
Ile Xaa Val Thr Val
50

<210> 8069

<211> 17

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

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<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8069

Ala Val Xaa Gln Thr Val Ser Asp Leu Val Xaa Pro Arg Xaa Phe Tyr
1 5 10 15

Xaa

<210> 8070

<211> 22

<212> PRT

7179

<213> Homo sapiens

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8070

Pro	Ile	Pro	Ile	Lys	Val	Cys	Asp	Leu	Thr	Trp	Cys	Ile	Leu	Val	Xaa
1				5					10					15	

Pro	Gly	Xaa	Ala	Xaa	Asp
			20		

<210> 8071

<211> 29

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8071

Gly	Xaa	Cys	Cys	Cys	Pro	Gly	Cys	Pro	Asn	Gln	Gly	Val	Gly	Ile	Arg
1					5				10					15	

Asn	Xaa	Gly	Pro	Xaa	Trp	Glu	Gly	Glu	Arg	Arg	Lys	Thr
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7180

20

25

<210> 8072

<211> 27

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8072

Gln Leu His Ser Gln Arg Val Ala Ser Cys His Glu Gly Pro Xaa Met

1

5

10

15

Thr Thr Ser Tyr Xaa Xaa Arg Xaa Lys Arg Gly

20

25

<210> 8073

<211> 59

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<220>

<221> SITE

<222> (6)

7181

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (51)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8073

Xaa	Gly	Met	Cys	Tyr	Xaa	Xaa	Tyr	Gln	Xaa	Cys	Val	Met	Pro	Arg	Ser
1					5				10					15	

His	Ser	Met	Glu	Thr	His	Val	His	Ala	Asp	Asn	Thr	Xaa	Thr	Ala	Ser
			20					25					30		

Leu	Pro	Trp	Arg	Ile	Cys	His	Gly	Arg	Ser	Trp	Gln	Xaa	Gly	Asn	Ile
		35					40					45			

Leu	Xaa	Xaa	Phe	Pro	Phe	Gly	Arg	Gln	Leu	Val
	50					55				

<210> 8074

<211> 31

<212> PRT

<213> Homo sapiens

7182

<220>
 <221> SITE
 <222> (3)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (11)
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<220>
 <221> SITE
 <222> (22)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8074
 Phe Phe Xaa Gly Gly Gly Phe Lys Lys Lys Xaa Arg Xaa Xaa Pro Pro
 1 5 10 15
 Arg Gly Lys Thr Leu Xaa Lys Lys Thr Ser Trp Lys Gly Leu Phe
 20 25 30

<210> 8075
 <211> 79
 <212> PRT
 <213> Homo sapiens

<220>
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<220>

7183

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<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (57)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8075

Xaa	Ser	Gly	Pro	Thr	Xaa	Xaa	Phe	Leu	Pro	Cys	Leu	Arg	Arg	Asp	Ile
1					5					10					15

Thr	His	Met	Pro	Gln	Leu	Ser	Asp	Pro	Ala	Xaa	Leu	Cys	Pro	Arg	Pro
				20					25					30	

Gln	Gln	Arg	Ser	Val	Glu	Pro	Leu	Pro	Pro	Phe	Pro	Val	Ile	Trp	Val
				35				40					45		

Leu	Trp	Ile	Leu	Leu	Xaa	Leu	Glu	Xaa	Gly	Ser	Ala	Leu	Pro	Leu	Ala
	50					55					60				

Thr	Thr	Gly	Lys	Pro	Leu	Thr	Val	Ala	Ala	Leu	Leu	Ala	Phe	Cys
65					70					75				

<210> 8076

<211> 29

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8076

Ser	Phe	Xaa	Arg	Pro	Val	His	Thr	Gly	Leu	Trp	Glu	Tyr	Ile	Glu	Gln
1					5					10				15	

7184

Ala Ile Lys Ile Lys Gln Ala Leu Lys Lys Lys Lys Lys
20 25

<210> 8077

<211> 60

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (57)

<223> Xaa equals any of the naturally occurring L-amino acids

$\langle 220 \rangle$

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<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8077

Asn Tyr Arg Ile Ser His Trp Xaa His Cys Gln Val Ile Xaa Xaa Asn
1 5 10 15

Asp Glu Ser Val Leu Phe Pro Xaa Asp His Lys Thr Met Asp Pro Phe
20 25 30

7185

Cys Tyr Asp Gly Phe Lys Leu Ser Ile Val Thr Phe Tyr Ala Ile Ser
 35 40 45

Xaa Tyr Lys Gly Ala Arg Thr Ser Xaa Val Phe Xaa
 50 55 60

<210> 8078

<211> 18

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

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<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8078

Gly Ala Thr Xaa Cys Thr Gly Val Ser Lys Xaa Thr Thr Xaa Gly Asn
 1 5 10 15

Phe Leu

<210> 8079

<211> 79

<212> PRT

<213> Homo sapiens

<220>

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<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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7186

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8079

Asp Ala Trp Ala Glu Ala Xaa Glu Xaa Xaa Xaa Arg Pro Gln Gln Leu
1 5 10 15

Pro Gly Lys Ala Thr Val Leu Ala Gly Gly Cys Gly Ala Gly Pro Arg
20 25 30

Pro Leu Lys Ser Gly Arg Gln Gly Lys Glu Ser Trp Gly Arg Gly Ser
35 40 45

Pro Glu His Lys Ala Asp Ser Thr Lys Arg Lys Pro Ser Val Pro Asn
50 55 60

Lys Pro Arg Asn Gln His Pro Gln Ala Arg Met Ala Gln Thr His
65 70 75

<210> 8080

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8080

Pro Thr Arg Gly Lys Lys Arg Gly Glu Ile Lys Asn Thr Arg Gly Glu
1 5 10 15

Lys Arg Xaa Xaa Arg Lys Asn Lys Ser Ile Ser Leu Tyr Gly Arg Arg
20 25 30

7187

Thr

<210> 8081

<211> 41

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8081

Xaa Ser Lys Asp Trp Thr Ser Ser Thr Met Arg His Gly Gln Arg Val

1

5

10

15

His Gly Lys Gly Leu Xaa Ser Pro Xaa Val Arg Met Met Leu Arg Leu

20

25

30

Lys Gly Pro Phe Gly Thr Glu Arg Xaa

35

40

<210> 8082

<211> 36

<212> PRT

<213> Homo sapiens

<220>

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<222> (11)

7188

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<221> SITE

<222> (16)

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<221> SITE

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<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8082

Gln Leu Gln Gly Thr Leu Glu Ser His His Xaa Lys Gly Ile Tyr Xaa

1

5

10

15

Glu Thr Xaa Xaa Gly Gly Ile Xaa Leu Gly Arg Glu Val Leu Lys Trp

20

25

30

Ala Gln Gln Lys

35

<210> 8083

<211> 97

<212> PRT

<213> Homo sapiens

<220>

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<222> (82)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8083

Arg Pro Val Trp Pro Phe Leu Pro Leu Gln Thr His Tyr Glu Thr Pro

1

5

10

15

His Phe Ser His His Gln Leu Leu His Ser Tyr Asn Pro Cys Ala Leu

20

25

30

7189

Ser Ser Leu Gly Ala Phe Ala Val Ala Ile Val Ser Ile Trp Asn Ala
 35 40 45

Leu Pro Pro Val Leu Pro Met Ala Asp Ser Phe Glu Ser Phe Trp Cys
 50 55 60

Trp Leu Asn Cys His Leu Phe Leu Glu Pro Phe Ser Asp His Pro Ser
 65 70 75 80

Met Xaa Ile Ser Ser Val Ile Leu Thr Leu Cys Val Phe Phe Leu Ala
 85 90 95

Val

<210> 8084

<211> 56

<212> PRT

<213> Homo sapiens

<220>

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<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8084

Phe Gly Ile Val Ile Asp His Ser Phe Val Cys Ile Xaa His Ser Xaa
 1 5 10 15

His Met Ile Ile Ser Asn Phe Val Tyr Lys Phe Ile Ser Asn Phe Val
 20 25 30

Gln Val Asn Leu Asn Phe Asn Thr Met Leu Lys Phe Gln Lys Pro Glu
 35 40 45

Lys Arg Glu Met Gln Ser Tyr Ile
 50 55

<210> 8085

<211> 24

<212> PRT

<213> Homo sapiens

7190

<220>
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<222> (8)
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (16)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (24)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8085
Leu Glu Tyr Tyr Cys Gly Ser Xaa Lys Xaa Xaa Leu Ile Gly Ser Xaa
1 5 10 15
Leu Met Glu Thr Ser His Trp Xaa
20

<210> 8086
<211> 57
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (15)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (56)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8086

7191

Leu Leu Gly Leu Ala Leu His Lys Ala Gln Phe Leu Ser Val Xaa Glu
 1 5 10 15

Lys Asp Phe Asp Pro Leu Gly Ile Leu Arg Gly Gln His Val Ile Val
 20 25 30

Val Arg Thr His Cys Ala Leu Glu Cys Leu Phe Ile Glu Ile Ile Val
 35 40 45

Arg Pro Val Ile Asn Phe Lys Xaa Ile
 50 55

<210> 8087

<211> 72

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (64)

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<220>

<221> SITE

<222> (68)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (71)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8087

Leu Glu Tyr Gly Ile Ser Arg Thr Ile Trp Glu Cys Gly Gly Gly Glu
 1 5 10 15

Ala Val Leu Ala Pro Leu Ala Ala Val Ile His Gln Ala Pro Pro Leu
 20 25 30

Leu Pro Glu Gln Leu Leu Arg Val Arg Gly Thr Asp Trp Arg Arg Ser
 35 40 45

Arg Asn Val Val Cys Val Glu Gly Val Gly Trp Gly Val Thr Asp Xaa
 50 55 60

Leu Gly Gly Xaa Leu Pro Xaa Leu
 65 70

7192

<210> 8088

<211> 41

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (7)

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<222> (9)

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<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8088

Cys	Arg	Asp	Pro	Ile	Trp	Xaa	Thr	Xaa	Xaa	Tyr	Arg	Glu	Ser	Trp	Tyr
1				5				10						15	

Ala	Cys	Arg	Tyr	Arg	Thr	Gly	Xaa	Xaa	Gly	Ser	Thr	His	Ala	Phe	Glu
			20					25					30		

Gln	Gly	Gln	Gly	Asp	Leu	Pro	Leu	Ser
		35					40	

<210> 8089

<211> 45

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (10)

7193

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8089

Thr	Val	Phe	Arg	Pro	Leu	Thr	Leu	Glu	Xaa	Thr	Phe	Leu	Ile	Val	Asp
1					5				10					15	

Ser	Cys	Ser	Lys	Leu	Xaa	Gln	His	Ser	Thr	Leu	Ser	Arg	Ser	Ile	Leu
			20					25					30		

Leu	Ile	Tyr	Lys	Gly	Phe	Cys	Arg	Phe	Trp	Pro	Xaa	Gly
		35					40					45

<210> 8090

<211> 49

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8090

Gly	Lys	Leu	Val	Arg	Leu	Gln	Val	Pro	Val	Arg	Asn	Ser	Arg	Val	Asp
1					5				10					15	

Pro	Arg	Val	Arg	Phe	His	Ile	Lys	Cys	Tyr	Ile	Thr	Gln	Glu	Arg	Glu
			20					25					30		

Ser	Ile	Ser	Arg	Lys	Ser	Ala	Xaa	His	Pro	Lys	Lys	Phe	Lys	Leu	Lys
			35				40						45		

Cys

<210> 8091

<211> 35

7194

<212> PRT

<213> Homo sapiens

<220>

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<400> 8091

Tyr	Arg	Gly	Ser	Val	Val	Xaa	Asp	Ala	His	Leu	Asp	Trp	Ala	Ala	Ala
1				5					10				15		

Xaa	Glu	Lys	Asp	Arg	Xaa	Xaa	Glu	Gln	Cys	Glu	Lys	Asp	Glu	Xaa	Lys
			20					25					30		

Ile	Trp	Gly
		35

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<211> 41

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<400> 8092
Tyr Xaa Thr Xaa Leu Glu Cys Arg Tyr Ala Cys Cys Thr Gly Pro Glu
1 5 10 15
Phe Pro Gly Arg Pro Thr Arg Pro Leu Xaa His Ile Val His Lys Ile
20 25 30
Gly Xaa Xaa Thr Xaa Thr Val Thr Met
35 40

<210> 8093
<211> 79
<212> PRT
<213> Homo sapiens

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<400> 8093
 Thr Leu Gln Leu Gln Met Ile Val Glu Lys Lys Pro Gln Xaa Arg Xaa
 1 5 10 15
 Arg Ser Arg Arg Arg Xaa Phe Xaa Gly Gln Ala Xaa Asp Arg Gln Pro
 20 25 30
 Gly Asn Leu Ser Gly Pro Xaa Asp Thr Ile Arg Val Thr Ser Met Lys
 35 40 45
 Lys Met Leu Cys Cys Phe Leu Asn Xaa Leu Tyr Leu His Val His Met

7197

50

55

60

Xaa His Ile Ile Gln Lys Leu Xaa Cys Ile Lys Trp Leu Xaa Thr
 65 70 75

<210> 8094

<211> 50

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8094

Val Gly Asn Ala Ile Xaa Xaa Gly Thr Xaa Ser Arg Leu Tyr Asp Lys
 1 5 10 15

7198

Ser Thr Gly Ala Trp Pro Glu Lys Pro Ile Xaa Arg Thr Thr Phe Leu
20 25 30

Pro Leu Asp Trp Thr Ser Asp Xaa Gly Pro Ser Ile Xaa Ile Xaa Ala
35 40 45

Lys Val
50

<210> 8095

<211> 69

<212> PRT

<213> Homo sapiens

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 <400> 8097
 Thr Leu Phe Ser Ala Gly Thr Thr Ser Ile His Val Leu Asn Ser Asn
 1 5 10 15
 Ser Ala Lys Leu His Ser Ser Pro Gly Arg Ser Pro Gly Ile Asn Gly
 20 25 30
 Ile Ser Val Gly Xaa His His Ser His Pro Ser Val Leu Gly Lys Gly
 35 40 45
 Gly Arg Ser Pro Gln Asn His Thr Ala Glu Ile Xaa Lys Phe Cys Leu
 50 55 60
 Lys Ser Asp Lys Val Xaa Val Ala Leu Xaa Leu Cys Lys Xaa Gly Asp
 65 70 75 80
 Ile Xaa Xaa Tyr Ile Ser Leu Tyr Leu His Arg Val Gln

7201

85

90

<210> 8098

<211> 25

<212> PRT

<213> Homo sapiens

<220>

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<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8098

Gln	Asn	Val	Cys	Ala	Lys	Lys	Gln	Met	His	Lys	His	Ile	Thr	Ala	Thr
1				5				10					15		

Leu	Arg	His	Phe	Xaa	Xaa	Trp	Thr	Xaa
			20			25		

<210> 8099

<211> 22

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

7202

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8099

Glu Thr His Thr Ala Gly Gln Val Asp Val Tyr Xaa Xaa Pro Phe Glu
 1 5 10 15

Tyr Xaa Ile His Glu Ser
 20

<210> 8100

<211> 121

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8100

Asp Leu Ile Cys Leu Gly Pro Xaa Leu Leu Glu Ser Phe Val Ala Asn
 1 5 10 15

Pro Leu Ser Tyr Leu Gly Pro His Thr Leu Gly Phe Thr Ala Ala Arg
 20 25 30

Ser Leu Ser Pro Pro Glu Asp Leu Pro Ala Arg Asp Leu Ala Cys Trp
 35 40 45

Gly Pro Arg Leu Leu Gly Thr Ser Pro Ala Gly Asp Leu Thr Cys Trp
 50 55 60

Gly Pro Trp Leu Leu Glu Ala Ala Pro Thr Glu Asp Val Gly Gly Arg
 65 70 75 80

Gly Leu Tyr Leu Leu Gly Pro Ala Pro Arg Asp Leu Ala Thr Leu Asn
 85 90 95

Leu Thr Cys Trp Gly Pro His Pro Gly Gly Pro Gly Pro Gly Glu Leu
 100 105 110

Ala Tyr Phe Gly Ala Pro Thr Arg Glu
 115 120

<210> 8101

<211> 52

<212> PRT

7203

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8101 .

Xaa	Gly	Asn	Leu	Met	Glu	Ala	Phe	Trp	Xaa	Xaa	Cys	Xaa	Tyr	Arg	Ser
1				5					10					15	

Gly	Ile	Pro	Gly	Ser	Thr	His	Ala	Ser	Ala	Thr	Glu	Arg	Trp	Gly	Cys
			20					25					30		

Pro	Xaa	Arg	Lys	Ser	Gly	Ser	Arg	Glu	Thr	Asp	Pro	Leu	Thr	Asn	Ser
		35					40					45			

Pro	Asp	Lys	Leu
		50	

<210> 8102

<211> 74

<212> PRT

<213> Homo sapiens

<220>

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<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

7204

<220>

<221> SITE

<222> (68)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8102

Phe Pro Phe Thr Pro Ser Ser Leu Ala Leu Ala Gly Gln Cys Thr Met
1 5 10 15

Asn Trp Arg Ser Ala Gly Glu Ser Gln Ser Cys Pro Asp Ser Ala Ser
20 25 30

Pro Gln Gly Pro Leu Pro Ser Gly Leu Pro Ser Pro Ala Ile Pro Val
35 40 45

Ala Gly Lys Val Gly Leu Ala Leu Pro Pro Asp Leu Phe Pro Gln Glu
50 55 60

Gly Pro Xaa Xaa Thr Gly Ala Gly Ser Gly
65 70

<210> 8103

<211> 42

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

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<220>

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<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (17)

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<221> SITE

7205

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8103

Arg	Asp	Xaa	Xaa	Gly	Gly	Xaa	Leu	Met	Gly	Lys	Leu	Ile	Ile	Gly	Asn
1				5					10					15	

Xaa	Gly	Thr	Pro	Ala	Gly	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr
			20					25					30		

Arg	Pro	Thr	Xaa	Xaa	Arg	Xaa	Arg	Ala	Val
		35					40		

<210> 8104

<211> 54

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8104

Arg	Gly	Glu	Xaa	Tyr	Trp	Glu	Gly	His	Ser	Gly	Thr	Leu	Ala	Gly	Thr
1				5					10					15	

Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr	Arg	Pro	Arg	Lys	Arg	Lys	Arg
			20					25					30		

Val	Gly	His	Arg	Arg	Glu	Met	Val	His	Phe	Leu	Thr	Ala	Val	Leu	Ile
		35					40						45		

Tyr	Ile	Ile	Val	Phe	Leu
					50

<210> 8105

7206

<211> 79
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

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<400> 8105
 Lys Lys Phe Ile Cys Ile Tyr Ala Phe Arg Ile Ile Leu Tyr Leu Ser
 1 5 10 15
 Asn Leu Phe Tyr His Cys Tyr Arg Phe Leu Lys Lys Asn Leu Ser Leu
 20 25 30
 Ala Ser Thr Cys Gln Arg Phe Thr Ser Xaa Leu Xaa Xaa Lys Gln Val
 35 40 45
 Val Ala Val Xaa Ile Gly His Ala Ser Arg Gly Asn Ala Gln Tyr Lys
 50 55 60

7207

Cys Phe Xaa Leu Xaa Arg Lys Gly Pro Ile Leu Xaa Leu Lys Ser
65 70 75

<210> 8106

<211> 18

<212> PRT

<213> Homo sapiens

<220>

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<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8106

Ala Xaa Ile Lys Xaa Trp Xaa Gly Xaa Gly Lys Leu Lys Lys Gly Phe
1 5 10 15

Xaa Leu

<210> 8107

<211> 52

<212> PRT

<213> Homo sapiens

<400> 8107

7208

Thr Asn Cys Trp Phe Asp Ile Tyr Val Asn Ile Ser Leu Pro Cys Phe
 1 5 10 15
 Asn Phe Ala His Ser Tyr Tyr Arg Glu Pro Ile Gly Ser Leu Leu Val
 20 25 30
 Leu Trp Val Phe Cys Leu Lys Arg Ser His Gly Ile Cys Leu His Leu
 35 40 45
 Pro Tyr Gln Thr
 50

<210> 8108

<211> 82

<212> PRT

<213> Homo sapiens

<220>

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<221> SITE

<222> (69)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (75)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8108

Ile Ser Leu Phe Phe Ser Asp Leu His Leu Cys Ser Gln Cys Leu Ala
 1 5 10 15

Gly Pro Ala Leu Ile Leu Gln Xaa Ile Gln Ala Leu Phe Glu Arg Leu
 20 25 30

7209

Val Ile Ile Arg Cys Cys Asn Ala Ala Ser Arg Phe Phe Met Val Thr
 35 40 45

Trp Asp Ala Pro Ala His Leu Xaa Leu Lys Val Xaa Thr Phe Thr Pro
 50 55 60

Met Arg Asp Ile Xaa Ile Asn Ser Phe Phe Xaa Leu Leu Val Pro Lys
 65 70 75 80

His Arg

<210> 8109

<211> 58

<212> PRT

<213> Homo sapiens

<220>

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<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8109

Arg Ala Cys Glu Gly Arg Phe Gln Val Trp Phe Tyr Lys Pro Val Asn
 1 5 10 15

Tyr Leu Leu Ser Ser Leu Thr Xaa Thr Asn Phe Ser Ser Phe Cys Cys
 20 25 30

Gln Xaa Val Xaa Arg Lys Glu Thr Phe Pro Ser Leu Asp Arg Ile Cys
 35 40 45

Leu Arg Asp Xaa Gly Thr Ile Val Phe Lys
 50 55

7210

<210> 8110
<211> 66
<212> PRT
<213> Homo sapiens

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7211

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8110

Asp	Leu	Pro	Thr	Glu	Phe	His	Cys	Met	Met	Ile	Leu	Leu	Ser	Leu	Leu
1				5				10					15		

Val	Ala	Leu	Xaa	Ser	Xaa	Xaa	Lys	Xaa	Xaa	Leu	Gly	Leu	Val	Arg	Xaa
		20					25						30		

Ser	Arg	Glu	Asp	Phe	Ser	Phe	Xaa	Leu	Xaa	Arg	Glu	Lys	Ala	Phe	Tyr
		35					40					45			

Gln	His	Ser	Ser	Ser	Ser	Xaa	Xaa	Glu	Arg	Leu	Gln	Ala	Leu	Arg	Lys
	50					55					60				

Xaa Ala
65

<210> 8111

<211> 38

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

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<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (14)

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7212

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8111

Pro Ser Xaa Arg Ala Val Arg Asn Gln Xaa Tyr Tyr Gly Xaa Ser His

1

5

10

15

Ile Thr Val Ser Ser Asn Ser Tyr Met Pro Xaa Pro Lys Met Ile Thr

20

25

30

Thr His Cys Xaa Cys Leu

35

<210> 8112

<211> 23

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8112

Phe Lys Gly Trp Glu Pro Arg Pro Pro Gly Gln Xaa Thr Arg Gly Ala

1

5

10

15

Ala Glu Ile Phe Ser Gly Gly

20

<210> 8113

<211> 22

<212> PRT

<213> Homo sapiens

<220>

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7213

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<220>
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<400> 8113
Ala Phe Lys Asn Arg Thr Phe Tyr Thr Gly Gly Phe Ser Phe Leu Trp
1 5 10 15
Gly Gln Xaa Xaa Xaa Arg
20

<210> 8114
<211> 17
<212> PRT
<213> Homo sapiens

<220>
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<221> SITE
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<221> SITE
<222> (16)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (17)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8114
Glu Xaa Asn Glu Asp Gln Asp His Cys Trp Val Arg Xaa Ala Leu Xaa
1 5 10 15
Xaa

7214

<210> 8115

<211> 38

<212> PRT

<213> Homo sapiens

<400> 8115

Gln Cys Cys Asn Thr Asp Gly Asn Ala Ile Ala Tyr Leu Lys Thr Leu
1 5 10 15

Arg Asp Leu Ile Glu Met Tyr Ile Val Phe Phe Phe Thr Ile Thr Glu
20 25 30

Leu Phe Tyr Leu Leu Cys
35

<210> 8116

<211> 60

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

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<221> SITE

<222> (11)

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<222> (16)

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<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (42)

7215

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8116

Ser Thr Xaa Thr Arg Gly Gly Lys Lys Gly Xaa Gly Phe Thr Gly Xaa
1 5 10 15

Xaa Ala Lys Gly Leu Pro Gly Val Ser Pro Gly Lys Ile Phe Pro Pro
20 25 30

Gly Gly Phe Arg Asn Xaa Gln Arg Ala Xaa Ser Pro Gly Leu Val Gly
35 40 45

Asn Xaa Lys Gly Phe Ile Phe Gly Phe Gly His Xaa
50 55 60

<210> 8117

<211> 81

<212> PRT

<213> Homo sapiens

<400> 8117

Asp Asn Lys Asp Glu Val Lys His Pro Gly Tyr Pro Leu Pro Val Ile
1 5 10 15

Arg Ser Asp Val Arg His Phe Met Ser Glu Leu Ile His Leu Val Leu
20 25 30

Val Phe Gly Lys Asp Asn Val Ser His Leu Leu Val Ala Val Ala Trp
35 40 45

Arg Arg Gly Leu Thr Asn Gly Gly Gln Gly Asp His Leu Glu Phe Ala
50 55 60

Ser Cys Glu Asp Arg Cys Trp Leu Phe Thr Ile Leu Glu Gly Phe Thr
65 70 75 80

Ser

7216

<210> 8118

<211> 109

<212> PRT

<213> Homo sapiens

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<400> 8118

Val	Gly	Cys	Phe	Leu	Leu	Pro	Pro	Leu	Leu	Arg	Phe	Pro	Val	Thr	Gly
1				5					10					15	

Ser	Ser	Gly	Lys	Pro	Gly	Gln	Pro	Thr	Gln	Ile	Asn	Glu	Leu	Gly	Thr
			20					25					30		

Glu	Glu	Thr	Ser	Lys	Asp	Leu	Gly	Leu	Arg	Ala	Glu	Gly	Pro	Arg	Trp
		35					40					45			

Val	Gly	Phe	Glu	Gln	Gly	Ala	Pro	Gly	Pro	Glu	Pro	Gly	Ile	Gly	Ala
	50					55					60				

Ser	Leu	Pro	Ser	Lys	Ser	Cys	Val	His	Pro	Asn	Ser	Glu	Ala	His	Ala
65					70					75				80	

Thr	Ala	Ser	Cys	Ser	Val	Cys	Glu	Val	Pro	Gly	Gly	Cys	Pro	Gly	Ala
				85					90					95	

Xaa	Leu	Xaa	Arg	Arg	Pro	Gln	Xaa	Arg	Ala	Trp	Xaa	Ala
			100				105					

7217

<210> 8119
<211> 32
<212> PRT
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<400> 8119
Thr Leu Gln Cys Tyr Thr Ser Met Leu Cys Cys Leu Leu Asn Xaa Gly
1 5 10 15
Thr Ala Val Leu Xaa Met His Met Ile Xaa Ser Glu Asn Xaa Glu Xaa
20 25 30

<210> 8120
<211> 21
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<400> 8120

Ala Asp Ala Trp Val Ala Leu Arg Ser Tyr Gly Ala Thr Xaa Ser Xaa

1

5

10

15

Xaa Trp Leu Xaa Ser

20

<210> 8121

<211> 21

<212> PRT

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<400> 8121

Asp Gly Xaa Ile Gly Pro Xaa Ile Phe His His Xaa Ser Xaa Gly Pro
1 5 10 15

Pro Val Pro Xaa Tyr
20

<210> 8122

<211> 24

<212> PRT

<213> Homo sapiens

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<400> 8122

Lys Lys Thr Xaa Xaa Asn Glu Asn Ile Glu Lys Ile Leu Arg Lys Lys
1 5 10 15

Tyr Ile Trp Gly Gly His Xaa Xaa
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<210> 8123

<211> 62

<212> PRT

<213> Homo sapiens

7220

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<400> 8123
Leu Ile Xaa Xaa Asn Leu Phe Arg Ala Phe Pro Phe Xaa His Gly Gln
1 5 10 15

Pro His Cys Pro Tyr Gly Leu Xaa Lys Gly Ile Arg Ile Ser Phe Pro

7221

	20		25		30										
Phe	Leu	Asn	Ser	Gly	Gly	Thr	Ile	Xaa	Ala	Phe	Pro	Thr	Xaa	Pro	Cys
	35						40					45			
Leu	Pro	Ala	Xaa	Gln	Gln	Pro	Gly	Xaa	Phe	Xaa	Met	Asn	Gln		
	50					55					60				

<210> 8124

<211> 22

<212> PRT

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<400> 8124

Ala	Gly	Asn	Lys	Pro	Glu	Leu	Xaa	Xaa	Glu	Glu	Lys	Xaa	Tyr	Lys	Asn
1				5					10					15	

Ala	Arg	Glu	Arg	Glu	Lys
		20			

<210> 8125

<211> 78

<212> PRT

<213> Homo sapiens

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7222

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<400> 8125

Ala	Pro	Ala	Xaa	Arg	Ala	Ala	Arg	Gly	Pro	Ala	Cys	Ala	Pro	Ala	Ser
1				5					10					15	

Pro	Glu	Ala	Pro	Gly	Pro	Thr	Pro	Pro	Leu	Leu	Ser	Leu	Ser	Ala	Leu
			20					25					30		

Ser	Ala	Ser	Gly	Ser	Ala	Gly	Ala	Arg	Arg	Arg	Glu	Pro	Val	Gln	Gly
		35					40					45			

Arg	Gly	Ser	Ala	Pro	Xaa	Pro	Xaa	Val	Gly	Leu	Arg	Trp	Pro	Xaa	Xaa
	50					55					60				

Ser	Asp	Ile	Phe	Leu	Pro	Ser	Trp	Xaa	Ser	Leu	Glu	Ile	Tyr
65					70					75			

<210> 8126

<211> 17

<212> PRT

<213> Homo sapiens

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<220>
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<400> 8126
Ala Trp Ile Ile Met Leu Ile His Arg Ala Leu Leu Met Ile Xaa Xaa
1 5 10 15

Xaa

<210> 8127
<211> 20
<212> PRT
<213> Homo sapiens

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<400> 8127
Gly Glu Lys Cys Pro Leu Leu Lys Leu Phe Val Thr Gly Glu Xaa Xaa
1 5 10 15

Val Phe Asp Gly
20

<210> 8128
<211> 21
<212> PRT
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7224

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<400> 8128

Ala	Met	Ser	Ala	Arg	Arg	Xaa	Gly	Xaa	Pro	Ser	Xaa	Ala	Leu	Arg	Arg
1				5					10				15		

Arg	Xaa	Val	Cys	Asp
			20	

<210> 8129

<211> 36

<212> PRT

<213> Homo sapiens

<400> 8129

Leu	Arg	Cys	Ala	Leu	Lys	Tyr	Ser	Val	Ala	Tyr	His	Ser	Thr	Leu	Asn
1				5					10				15		

Pro	Met	Ile	Ile	Gln	Leu	Thr	Ser	Cys	Cys	Ser	Gly	Leu	Val	His	Ile
			20					25					30		

Ala	His	Met	Ile
			35

<210> 8130

<211> 28

<212> PRT

<213> Homo sapiens

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<400> 8130

Thr	Leu	Xaa	Lys	Cys	Tyr	Leu	Ile	Ile	Ile	Leu	His	Xaa	Asp	Lys	Leu
1				5					10					15	

Gly	Leu	Ser	Asn	Met	Asn	Xaa	Xaa	Asn	Gly	Tyr	Xaa
			20					25			

<210> 8131

<211> 33

<212> PRT

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7226

<400> 8131

Lys Tyr Asn Xaa Lys Lys His Phe Thr Tyr Gln Arg Xaa Leu Tyr Leu
1 5 10 15

Tyr Lys Arg Leu Leu Asn Glu Gly Leu Leu Asn Xaa Phe Gly Ser Ile
20 25 30

Thr

<210> 8132

<211> 67

<212> PRT

<213> Homo sapiens

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7227

<220>

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<400> 8132

Val	Pro	Ala	Ser	Asn	His	Pro	Ala	Arg	Phe	Leu	Phe	Gly	Lys	Ile	Ser
1					5				10				15		

Thr	Gly	Glu	Pro	Ser	Ser	Leu	Pro	Ser	Xaa	Glu	Met	Glu	Thr	Ile	Gln
			20					25					30		

Asp	Ile	Lys	Asn	Ala	Xaa	Xaa	Gly	Gln	Gln	Leu	Cys	Xaa	Val	Gln	Xaa
		35					40					45			

Met	Lys	Phe	Ser	Arg	Trp	Cys	Ala	Ser	Leu	Xaa	Xaa	Lys	Ser	Xaa	Lys
	50					55					60				

Asp	Arg	Ser
65		

<210> 8133

<211> 27

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<400> 8133

Pro	Pro	Xaa	Arg	Xaa	Gln	Leu	Xaa	Ile	Xaa	Phe	Ser	Glu	Val	Pro	Phe
1				5				10						15	

Val	Ser	Lys	Ile	Gln	Leu	Leu	Lys	Phe	Xaa	Gly
			20					25		

<210> 8134

<211> 53

<212> PRT

<213> Homo sapiens

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<400> 8134

Gly	Ser	Lys	Tyr	Phe	Leu	Xaa	Phe	Ser	Leu	Val	Phe	Met	Pro	Ser	Leu
1					5				10					15	

Xaa	Ile	Tyr	Ile	Leu	Ser	Val	Ile	Ile	Trp	Xaa	Phe	Leu	Xaa	Val	Xaa
			20						25					30	

Gly	Ile	Tyr	Gln	Val	Val	Asn	Tyr	Glu	Tyr	Leu	His	Leu	Leu	Phe	Glu
			35					40						45	

7229

Lys Met Thr Leu Ile
50

<210> 8135

<211> 105

<212> PRT

<213> Homo sapiens

<400> 8135

Pro Arg Val Arg Pro Arg Val Arg Pro Arg Val Arg Pro Gly Leu Asn
1 5 10 15

Ser Cys Asp Gln Asn Ser Leu Leu Pro His Pro Ala Pro Ser Thr Ser
20 25 30

Cys Pro Leu Phe His Leu Pro Pro Ser Gln Arg Pro Gln Pro Leu Phe
35 40 45

Gln Ala Gln Gly Cys Arg Arg Gly Lys Glu Glu Thr Gly Ser Pro Glu
50 55 60

Arg Ala Lys Gly Leu Pro Arg Gly Ala Asn His Ala Pro Asp Tyr Tyr
65 70 75 80

Leu Arg Ala Phe Trp Ala Leu Thr Ser Ala Trp Pro Pro Ala His Ala
85 90 95

Leu Arg Pro Val Gly Glu Gly Trp Ser
100 105

<210> 8136

<211> 20

<212> PRT

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<400> 8136

Gly	Gln	Pro	Xaa	Tyr	Ala	His	Asp	Thr	Val	Leu	Glu	Xaa	Asn	Gln	Xaa
1				5					10					15	

Xaa	Xaa	Val	Lys
			20

<210> 8137

<211> 80

<212> PRT

<213> Homo sapiens

<400> 8137

Ile	Gln	Leu	Gly	Glu	Pro	Ala	Gly	Leu	Val	Arg	Gln	His	Leu	Gly	Leu
1				5					10					15	

Cys	Gln	Gln	Gln	Glu	Val	Lys	Arg	Ser	His	Ser	Tyr	Leu	Ser	Leu	Pro
				20				25					30		

Leu	Pro	Pro	Ala	Pro	Cys	Val	Gly	Thr	Gln	Thr	Trp	Arg	Asp	Pro	Ser
			35				40					45			

Ala	Val	Asn	Thr	Ser	Ile	Leu	Phe	Leu	Pro	Lys	Glu	Gln	Ile	Pro	Arg
			50				55				60				

His	Leu	Leu	Leu	Gly	Leu	Ser	Arg	Phe	Ile	Cys	Arg	Pro	Ser	Gln	Arg
65					70					75					80

<210> 8138

<211> 81

7231

<212> PRT
<213> Homo sapiens

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<400> 8138

Asn	Xaa	Xaa	Xaa	Xaa	Xaa	Asn	Xaa	Xaa	Lys	Ile	Ile	Tyr	Lys	Xaa	Ser
1				5					10					15	

Ser	Phe	Pro	Xaa	Xaa	Lys	Thr	Glu	Pro	Lys	Gly	Trp	Gln	Asp	Arg	Thr
			20					25						30	

Leu	Ser	Arg	Phe	Leu	His	His	Leu	His	Lys	Phe	Leu	Val	Asp	Gly	Ile
		35					40					45			

Leu	Leu	Phe	Glu	Gly	Cys	Phe	Glu	Ser	Gly	Phe	His	Val	Leu	Val	Ile
	50					55					60				

Phe	Gly	Phe	Leu	Gly	Ala	Leu	His	Ser	Ala	Gly	Ile	Lys	Gln	Pro	Trp
65					70					75					80

Lys

<210> 8139

<211> 105

<212> PRT

<213> Homo sapiens

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<400> 8139

Gly	Tyr	Gly	Ser	His	Leu	Ser	Xaa	His	Cys	Leu	Glu	His	Xaa	Thr	Leu
1				5				10						15	

Pro	Leu	Asn	Ser	Leu	Leu	Arg	Xaa	Lys	Xaa	Ser	Ala	Leu	Xaa	Thr	Pro
		20						25						30	

Leu	Ala	Leu	Xaa	Leu	Ala	Ser	Ala	Pro	Gln	Gly	Ser	Pro	Ser	Ala	Pro
		35						40						45	

Leu	Ala	Ser	Thr	Pro	Ile	Lys	Trp	Thr	Xaa	Val	Cys	Lys	Phe	Asn	Gly
		50				55					60				

His	Ser	Phe	Pro	Pro	Met	Ser	Gln	Leu	Ala	Ser	Ser	Leu	Pro	Ala	Leu
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7234

65					70						75					80
Ile	Ser	Pro	Xaa	Xaa	Xaa	Pro	Xaa	Pro	Leu	Gly	Leu	Xaa	Pro	Gln	Leu	
					85				90					95		
Phe	Lys	Gly	Ser	Pro	Ala	Leu	Asn	Arg								
					100				105							

<210> 8140

<211> 60

<212> PRT

<213> Homo sapiens

<400> 8140

Glu Asn His Val Tyr Leu Phe Pro Pro Tyr Val Lys Asp Phe Leu Leu
1 5 10 15

Val Val His Ser Ala Leu Ile Leu Tyr Ser Leu Pro Arg Arg Val Ser
20 25 30

Leu Gly Thr Ile Leu Tyr Arg Lys Gln Val Tyr Ser Asp His Ile Gln
35 40 45

Asp Lys Cys Thr Glu Glu Asn Thr Val Phe Thr Leu
50 55 60

<210> 8141

<211> 66

<212> PRT

<213> Homo sapiens

<220>

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Pro Xaa Xaa Xaa Xaa Glu Xaa Cys Leu Ala Ala Xaa Xaa Val Leu Asp

1

5

10

15

Leu Xaa Ile Ala Leu Leu Glu Val Leu Lys Thr Ala Leu Xaa His Xaa

20

25

30

Gly Leu Ser Arg Gly Ile Pro Gln Ala Ala Xaa Asp Leu Tyr Lys Xaa

35

40

45

Val Tyr Xaa Ser Gln Tyr Cys Gly Phe Xaa Gln His Gly Thr Lys Leu

50

55

60

Pro Pro

65

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<211> 35

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<213> Homo sapiens

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10

15

Asn Val Leu Phe Gln Leu Asn Cys Asn Xaa Lys Ile Trp Pro His Pro

20

25

30

Phe Tyr Ser

35

7237

<210> 8143

<211> 24

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Gly Pro Gly Leu Cys Glu Xaa Ile Lys Xaa Trp Trp Pro Arg Cys Ala

1

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10

15

Cys Ser Xaa Cys Leu His Val Pro

20

<210> 8144

<211> 55

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<400> 8144

Pro	Tyr	Ile	Xaa	Ile	Cys	Tyr	Thr	Pro	Pro	Ala	Pro	Ser	Pro	Ser	Glu
1				5				10					15		

Thr	Pro	Val	Pro	Ser	Gln	Gly	Gln	Leu	Cys	Gln	Thr	Pro	Leu	Pro	Gly
			20				25						30		

Leu	Pro	Ser	Cys	His	His	Lys	Gln	Lys	Lys	Lys	Arg	Gly	Gly	Pro	Pro
			35				40					45			

Lys	Xaa	Xaa	Xaa	Ile	Phe	Xaa
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<211> 102

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1				5				10						15	

Leu	Asn	Lys	Lys	Gly	Gly	Glu	Lys	Lys	Gly	Leu	Trp	Gly	Val	Glu	Pro
		20					25						30		

Xaa	Pro	Leu	Trp	Ala	Gln	Arg	Gly	Phe	Lys	Xaa	Pro	Gly	Gly	Phe	Pro
		35					40						45		

Pro	Gly	Xaa	Lys	Xaa	Phe	Pro	Pro	Pro	Arg	Gly	Gly	Val	Phe	Pro	Glu
	50					55					60				

Lys	Pro	Pro	Pro	Xaa	Arg	Ala	Arg	Xaa	Phe	Ser	Pro	Gly	Phe	Gly	Xaa
65					70					75					80

Pro	Pro	Pro	Phe	Phe	Gly	Gly	Xaa	Ser	Pro	Pro	Pro	Pro	Lys	Lys	Lys
				85					90					95	

Lys	Lys	Lys	Phe	Phe	Gly
					100

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<211> 118

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<213> Homo sapiens

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<400> 8146

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1				5					10					15	

Asp	Asp	Ser	Pro	Tyr	Phe	Thr	Tyr	Asn	Arg	Ser	Phe	Thr	Pro	Ile	Leu
			20					25					30		

Leu	Val	Ile	Thr	Ile	Ser	Pro	Xaa	His	Pro	Xaa	Xaa	Pro	Val	Pro	Leu
		35					40					45			

Arg	Lys	Asp	His	Asp	Gln	Xaa	Ser	Ile	Gly	Xaa	Leu	Leu	Xaa	Thr	Phe
	50					55				60					

Cys	Xaa	Thr	Ser	Glu	Leu	Met	Xaa	Xaa	Xaa	Gly	Val	Val	Leu	Ala	Val
65					70					75				80	

Gly	Ile	Xaa	Gly	Leu	Glu	Leu	Ala	Ala	Met	Ile	Xaa	Ser	Xaa	Xaa	Leu
				85					90					95	

Leu	Leu	Gln	Ser	Thr	Xaa	Asn	Pro	Leu	Thr	Ala	Ser	Ala	Thr	Asn	Gly
		100					105						110		

Cys	Pro	Pro	Gly	Asn	Ser
			115		

<210> 8147

<211> 142

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<400> 8147

Thr	Pro	Gly	Gly	Ser	Pro	Gly	Gly	Lys	Asn	Phe	Pro	Pro	Pro	Gly	Gly
1				5				10						15	

Val	Ser	Gly	Lys	Pro	Pro	Gln	Pro	Gly	Pro	Gly	Ser	Pro	Gly	Lys	Pro
			20					25					30		

Pro	Lys	Lys	Ile	Phe	Lys	Lys	Xaa	Ile	Trp	Gly	Phe	Lys	Lys	Glu	Thr
			35				40					45			

Pro	Phe	Pro	Trp	Glu	Arg	Xaa	Pro	Pro	Lys	Xaa	Xaa	Phe	Phe	Phe	Gly
	50					55					60				

Phe	Pro	Pro	Gln	Ile	Pro	Phe	Pro	Leu	Thr	Pro	Pro	Pro	Leu	Ser	Xaa
65					70					75					80

Pro	Lys	Thr	Leu	Gly	Pro	Phe	Leu	Thr	Gln	Gly	Lys	Asn	Trp	Gly	Glu
				85					90					95	

Ile	Pro	Asn	Trp	Val	Ser	Pro	Pro	Pro	Leu	Phe	Xaa	Phe	Gly	Phe	Trp
			100					105					110		

Xaa	Arg	Gly	Leu	Gly	Asn	Pro	Lys	Pro	Phe	Leu	Lys	Xaa	Xaa	Gly	Pro
		115					120					125			

Phe	Phe	Pro	Pro	Leu	Xaa	Pro	Phe	Pro	Pro	Phe	Trp	Xaa	Xaa
130						135					140		

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<211> 76

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Gln	Arg	Arg	Ala	Ala	Glu	Gly	Gly	Gly	Val	Ser	Asn	Pro	Pro	Ala	Leu
1				5					10					15	

Arg	Lys	Asn	Gly	Ala	Leu	Leu	Ile	Ser	Pro	Leu	Pro	Phe	Ser	Pro	Ala
			20					25					30		

7245

Pro Arg Thr Gly Pro Leu Leu Gly Gly Ala Val Gly Pro Arg Leu Ala
35 40 45

His Thr Glu Asn Val Arg Thr Thr Asn Lys Ile Ser Ile Lys Leu Asn
50 55 60

Phe Val Ser Lys Lys Lys Lys Lys Gly Arg Pro Xaa
65 70 75

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<211> 136

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Thr Pro Xaa Gly Val Ser Pro Gly Gly Glu Xaa Ile Phe Pro Pro Pro
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Gly Gly Gly Phe Xaa Gly Lys Thr Pro Pro Lys Pro Gly Pro Gly Phe
 20 25 30

Pro Pro Gly Pro Leu Gly Gly Phe Lys Xaa Leu Gly Gly Pro Xaa Thr
 35 40 45

Gln Xaa Arg Pro Pro Phe Gly Gly Pro Lys Xaa Pro Xaa Val Leu Xaa
 50 55 60

Xaa Xaa Pro Pro Gly Pro Leu Lys Thr Pro Xaa Pro Pro Arg Glu Thr
 65 70 75 80

Asn Pro Leu Ser Pro Pro Ser Gln Pro Pro Thr Lys Pro Xaa Xaa Lys
 85 90 95

Pro Pro Phe Gly Lys Xaa Gly Lys Xaa Lys Gly Glu Gly Gly Gly Leu
 100 105 110

Gly Xaa Lys Pro Leu Gly Gly Ile Xaa Gly Phe Trp Ala Gln Xaa Gly
 115 120 125

Glu Glu Thr Ser Lys Gly Ser Leu
 130 135

<210> 8150

<211> 149

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Thr	Xaa	Pro	Leu	Gly	Pro	Arg	Xaa	Xaa	Asn	Pro	Gly	Gly	Phe	Pro	Gly
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Gly	Xaa	Asn	Phe	Pro	Pro	Arg	Gly	Gly	Phe	Pro	Xaa	Thr	Pro	Pro	Asn
		20						25					30		

Arg	Ala	Gly	Phe	Pro	Arg	Glu	Arg	Gly	Pro	Asn	Phe	Pro	Pro	Pro	Pro
		35						40				45			

Phe	Ser	Gln	Pro	Lys	Asn	Gln	Arg	Phe	Lys	Xaa	Lys	Xaa	Thr	Pro	Xaa
	50					55					60				

Asn	Xaa	Thr	Xaa	Gly	Leu	Gly	Lys	Thr	Phe	Phe	Leu	Gly	Gly	Gly	Glu
65					70					75					80

Thr	Phe	Ser	Leu	Gly	Lys	Xaa	Asn	Ser	Gln	Gly	Pro	Gly	Ser	Pro	Phe
				85						90				95	

7250

Asn Pro Gln Lys Gly Lys Pro Pro Pro Lys Gly Pro Pro Gln Lys Pro
 100 105 110

Phe Gln Lys Gly Pro Leu Thr Gln Gly Pro Lys Xaa Gln Gly Pro Thr
 115 120 125

Xaa Phe Pro Pro Gln Lys Xaa Pro Xaa Gly Pro Trp Xaa Pro Xaa Thr
 130 135 140

Lys Val Ser Asn Xaa
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Thr Lys His His Gln Ile Gly Gly Gly Met Trp Gly Lys Asn Arg Ser
 20 25 30

Leu Xaa Glu Gln Ser His Pro Arg Gln Ala Gly Ala Pro Glu Trp Ile
 35 40 45

Glu Xaa Val Val Pro Glu Leu Gly Ser Leu Gly Arg Thr Xaa Xaa Leu

7251

50

55

60

Glu Met Lys Pro Gly Val Leu
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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8152
 Ile Lys Gly Gly Glu Lys Lys Ala Leu Gly Val Gly Pro Pro Pro Phe
 1 5 10 15
 Gly Pro Arg Xaa Phe Asn Pro Xaa Gly Phe Pro Arg Gly Xaa Xaa Phe
 20 25 30
 Ser Pro Pro Gly Gly Val Ser Arg Lys Pro Pro Gln Thr Gly Pro Gly
 35 40 45
 Phe Pro Arg Xaa Lys Gly Pro Leu Ile Ser Xaa Xaa Xaa Lys Xaa Lys

7254

50		55		60	
Xaa Pro Xaa Pro Asn Xaa Pro Leu Gly Phe Leu Gly Lys Xaa Trp Glu					
65		70		75	80
Lys Lys Gly Leu Gly Gly Xaa Ile Trp Pro Xaa Lys Xaa Asn Xaa Lys					
	85		90		95
Xaa Phe Phe Leu Asn Phe Xaa Xaa Xaa Phe Gly Phe Phe Pro Leu Phe					
	100		105		110
Gly Phe Pro Xaa Asn Pro Trp Ala Leu Phe Phe Xaa Xaa Phe Ser Pro					
	115		120		125
Pro Pro Phe Leu Gly Leu Gly Leu Ala Leu Gly Phe Pro Lys Lys Xaa					
	130		135		140
Phe Phe Leu Gly Gly Leu Ile Ser Gln Xaa Lys Lys Asn Leu Lys Lys					
145		150		155	160
Pro Asn Phe Trp Glu Lys					
	165				

<210> 8153

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<222> (8)

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<220>

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<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8153

7255

His Arg Pro Lys Gly Phe Leu Xaa Ile Xaa Gly Thr Phe Asn Leu Asn
 1 5 10 15

Lys Gly Gly Lys Lys Gly Phe Gly Val Gly Pro Xaa Pro Trp Ala Lys
 20 25 30

Xaa

<210> 8154

<211> 108

<212> PRT

<213> Homo sapiens

<220>

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<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (45)

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<220>

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<222> (73)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (92)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (96)

<223> Xaa equals any of the naturally occurring L-amino acids

7256

<400> 8154

His Val Ala Cys Gly Leu Leu Trp Ile Tyr Leu Ser Pro Ser Ala His
1 5 10 15

Leu Asn Leu Asp Gly Val Gly Gln Met Xaa Glu His Leu Gly Tyr Ala
20 25 30

Phe Phe Lys Val Ile Phe Phe Lys Asn Cys His Met Xaa Phe Val Glu
35 40 45

Leu Trp Asn Leu Leu Leu Cys Leu Gly Leu Trp Thr Val Asn Asn Ile
50 55 60

Phe Leu Lys Ile Cys Thr Ile Ala Xaa Arg Val Leu Leu Ser Lys Val
65 70 75 80

Leu Leu Thr Leu Ile Phe Xaa Val Xaa Ala Trp Xaa Pro Leu Gln Xaa
85 90 95

Thr Phe Ser Leu Leu Asn Trp Leu Pro Cys Leu Phe
100 105

<210> 8155

<211> 21

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8155

Asn Xaa Phe Xaa Asp Phe Val Val Phe Leu Ile Lys Asn Lys Gly Phe

7257

1 5 10 15
 Xaa Xaa Pro Phe Phe
 20

 <210> 8156
 <211> 35
 <212> PRT
 <213> Homo sapiens

 <220>
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 <222> (5)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
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 <222> (14)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
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 <222> (34)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 8156
 Lys Leu Arg His Xaa His Phe Leu Pro Met Trp Ser Leu Xaa Thr Trp
 1 5 10 15

 Glu Thr Ile His Glu Val Tyr Ile Leu Tyr Gly Asn Ile Val Ile Ala
 20 25 30

 Gln Xaa Gln
 35

<210> 8157
 <211> 22
 <212> PRT
 <213> Homo sapiens

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 <222> (14)
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 <220>
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7258

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8157

Arg Lys Leu Val His Tyr Ile Phe Pro Asp Gln Ala Gly Xaa Glu Gln

1

5

10

15

Xaa Val His Ile Tyr Xaa

20

<210> 8158

<211> 48

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (8)

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<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (37)

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<220>

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<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

7259

<220>

<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8158

Pro His Phe Pro Ala Gly Ile Xaa Lys Xaa Thr Arg Val Pro Arg Met
1 5 10 15

Gly Phe Cys Phe Leu Lys Lys Lys Lys Glu Gly Xaa Leu Xaa Gly Leu
20 25 30

Lys Phe Ala Trp Xaa Ser Ile Arg Xaa Arg Ile Leu Cys Pro Ser Xaa
35 40 45

<210> 8159

<211> 32

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

7261

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8161

Xaa	Phe	Gly	Xaa	Xaa	Pro	Pro	Phe	Phe	Leu	Ile	Xaa	Xaa	Pro	Pro	Phe
1				5					10					15	

Phe	Leu	Lys	Lys	Lys	Gly	Gly	Ala	Pro	Pro	Leu	Phe	Trp	Gly	Xaa	Pro
			20						25					30	

Lys

<210> 8162

<211> 34

<212> PRT

<213> Homo sapiens

<220>

7262

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8162

Xaa	Pro	Pro	Phe	Phe	Phe	Lys	Lys	Lys	Lys	Xaa	Ile	Phe	Phe	Xaa	Phe
1				5					10					15	

Phe	Phe	Trp	Gly	Ala	Pro	Pro	Pro	Pro	Phe	Xaa	Phe	Lys	Lys	Lys	Lys
			20					25					30		

Lys Lys

<210> 8163

<211> 62

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

7263

<220>

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<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (57)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8163

Gln	Arg	Lys	Xaa	Gly	Thr	Ala	Gln	Val	Pro	Xaa	Arg	Asn	Ser	Arg	Val
1				5					10						15

Asp	Pro	Arg	Val	Arg	Gln	Gly	Leu	Gly	Ala	Ala	Xaa	Pro	Leu	Leu	His
			20				25						30		

Pro	Asp	Gln	Val	Pro	Xaa	Xaa	Leu	Pro	Ala	Phe	Phe	His	Leu	Lys	Lys
			35				40					45			

His	Pro	Pro	Ser	Pro	Phe	Asp	Leu	Xaa	Glu	Pro	Pro	Gly	Xaa
	50					55					60		

<210> 8164

<211> 53

<212> PRT

<213> Homo sapiens

<400> 8164

Lys	Lys	Cys	Lys	Leu	Ser	Leu	Tyr	Phe	Asn	Ile	Cys	Tyr	Ser	Leu	Met
1				5					10					15	

Asn	Arg	Asn	Leu	Cys	Arg	Arg	Lys	Gln	Asn	Thr	Phe	Thr	His	Leu	Lys
			20					25					30		

Arg	Glu	Tyr	Asn	Ile	Leu	Cys	His	Tyr	Asn	Leu	Leu	Phe	Phe	Lys	Leu
			35				40					45			

Val Tyr Ile Leu Leu

7264

50

<210> 8165

<211> 72

<212> PRT

<213> Homo sapiens

<400> 8165

Phe Thr Leu Thr Thr Ser Phe Ala Phe Leu Glu Ala Met Gln Tyr Arg
1 5 10 15

Arg Asp Tyr Arg Val Asn Leu Leu Phe Thr Asn Glu Ala Lys Arg Ser
20 25 30

Leu Ile Gly Ser Gln Ser Cys Ser Ser Tyr Cys Pro Pro Leu Tyr Ser
35 40 45

Gln Met Gln Asp Asn Cys Ile Leu Val Leu Phe Cys Gly Gly Ala Glu
50 55 60

Tyr Leu Leu Phe Leu Ser Asn Pro
65 70

<210> 8166

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

7265

<400> 8166

Xaa Val Trp Tyr Pro Cys Xaa Tyr Arg Ser Gly Xaa Pro Gly Ser Thr
 1 5 10 15

His Ala Ser Gly Arg Xaa Arg Glu Val Val Lys Tyr Val Leu Phe Gly
 20 25 30

Pro Gly

<210> 8167

<211> 24

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8167

Tyr Xaa Xaa Glu Asp Leu Gln Lys Pro Ala Arg Gly Tyr Asp Gly Lys
 1 5 10 15

Lys Gln Met Lys Xaa Gly Gln Ala
 20

<210> 8168

<211> 82

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

7266

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (57)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (61)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (74)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (79)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8168

Ala	Thr	Ala	Pro	Cys	Cys	Pro	Xaa	Pro	Pro	Leu	Leu	Pro	Leu	Ser	Asn
1				5				10						15	

Asp	Leu	Leu	Cys	Pro	Xaa	Ser	Gln	Xaa	Leu	Leu	Asp	Pro	Glu	His	Leu
			20					25						30	

Glu	Gln	Pro	Ala	Gly	Gly	Phe	Gly	Arg	Leu	Thr	Leu	Val	Val	Leu	Ile
		35					40						45		

Ser	Trp	Leu	His	Ser	Ser	Gln	Trp	Xaa	Glu	Pro	Ala	Xaa	Xaa	Leu	Ser
	50					55					60				

His	Arg	Glu	Leu	Glu	Gln	Lys	Ser	Cys	Xaa	Ser	Asn	Ser	Trp	Xaa	Trp
65					70					75					80

7268

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8170

Phe	Cys	Ala	Leu	Lys	His	Trp	Arg	Glu	Arg	Ile	Arg	Ile	Glu	Trp	Glu
1				5					10					15	

Thr	Xaa	Phe	Ala	Gln	Xaa	Phe	Xaa	Gly	Ile	Gly	Ala	Xaa
				20				25				

<210> 8171

<211> 48

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8171

Asp	Val	Lys	Ile	Gln	Tyr	Lys	Leu	Glu	Glu	Phe	Cys	Ile	Ile	Ile	Ile
1				5					10					15	

Ile	Gln	Asn	Ile	Gly	Arg	Val	His	Asn	Val	Ile	Lys	Cys	Xaa	Ser	Xaa
				20				25					30		

Ser	Asn	Glu	Xaa	Thr	Phe	Asp	Lys	Leu	Leu	Leu	Lys	Met	Leu	Pro	Phe
				35				40				45			

<210> 8172

<211> 57

<212> PRT

7269

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8172

Glu	Xaa	Ser	Ser	Ile	Xaa	Leu	Gly	Xaa	Tyr	Pro	Cys	Arg	Tyr	Thr	Val
1				5					10					15	

Arg	Asn	Ser	Arg	Val	Asp	Pro	Arg	Val	Arg	Val	Val	Pro	Pro	Asn	Ile
				20				25						30	

Ser	Gln	Ala	Ser	Thr	Lys	Ala	Leu	Ser	Ser	Ser	Val	Arg	Val	Trp	Thr
				35			40							45	

Gly	Phe	Thr	Gly	Pro	Xaa	Xaa	Ile	Asp
				50			55	

<210> 8173

<211> 22

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

7270

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8173

Pro	Gly	Asp	Pro	Cys	Cys	Glu	Ala	Lys	Gly	Gly	Met	Thr	Arg	Gly	Gly
1				5				10						15	

Lys	Xaa	Ser	Xaa	Arg	Thr
			20		

<210> 8174

<211> 73

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

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<220>

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<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7271

<221> SITE
 <222> (52)
 <223> Xaa equals any of the naturally occurring L-amino acids

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 <222> (60)
 <223> Xaa equals any of the naturally occurring L-amino acids

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 <222> (64)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
 <221> SITE
 <222> (68)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 8174
 Gly Gly Cys Gly Xaa Leu Gly Ala Phe Lys Asn Ser Asn Phe Xaa Pro
 1 5 10 15

 Val Asn Pro Xaa Gly His Trp Ala Xaa Lys Xaa Lys Gly Ile Leu Xaa
 20 25 30

 Trp Leu Trp Glu Arg Phe Val Lys Asn Gly Glu Pro Gly Phe Lys Ile
 35 40 45

 Lys Pro Trp Xaa Phe Phe Lys Pro Lys Gly Lys Xaa Gly Phe Phe Xaa
 50 55 60

 Leu Lys Lys Xaa Lys Leu Leu Gly Pro
 65 70

 <210> 8175
 <211> 41
 <212> PRT
 <213> Homo sapiens

 <400> 8175
 Ala Ser Ser Ser Arg Asp Pro Arg Thr Pro Ala Gly Pro Gly Leu Gly
 1 5 10 15

 Val Asn Arg Ala Ser Val Ser Ala Ser Ile Pro Phe Ala Phe Gly Asn
 20 25 30

 Phe Ser Cys His Leu Phe Met Asn Ile
 35 40

7272

<210> 8176
<211> 17
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (1)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (14)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (16)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (17)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8176
Xaa Thr Ile Trp His His Phe Gly Gly Phe Trp Lys Ile Xaa Pro Xaa
1 5 10 15

Xaa

<210> 8177
<211> 71
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (57)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8177
Thr Ser Glu Val Ser Ser Cys Trp Gly Gln Asp Pro Cys Leu Val Ser
1 5 10 15

7273

Met Ala Gly Lys Ala Val Ser Leu Pro Ser Cys Gly His Gln Pro Gln
 20 25 30

Pro Pro Ser Gly Gly His Pro Gly Ser Ile Ser Pro Gly Glu Lys Tyr
 35 40 45

Arg Ser Phe Thr Phe Pro Gly Tyr Xaa Pro Ser Arg Asn Val His Arg
 50 55 60

Glu Ser Gly Asn Leu Trp Ser
 65 70

<210> 8178

<211> 124

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (72)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (79)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (86)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (95)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

7274

<222> (110)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8178

Gln Ala Pro Gln Glu Asp Gly Pro Trp Thr Lys Ala Val Thr Pro Pro
 1 5 10 15

Val Lys Asp Asp Asn Glu Asp Val Phe Ser Ala Arg Ile Gln Lys Met
 20 25 30

Leu Gly Ser Cys Val Ser His Ala Thr Phe Asp Asp Asp Leu Pro Gly
 35 40 45

Val Xaa Asn Leu Ser Glu Phe Lys Lys Leu Pro Glu Met Ile Arg Pro
 50 55 60

Xaa Ser Ala Ile Ser Ser Phe Xaa Val Arg Ser Pro Gly Pro Xaa Pro
 65 70 75 80

Gln Gly Leu Leu Ala Xaa Leu Cys Lys Arg His Thr Asp Ser Xaa Ser
 85 90 95

Ser Asp Met Gln Ala Cys Ser Gln Asp Lys Ala Lys Ile Xaa Leu Gly
 100 105 110

Ser Ser Ile Asp Ser Val Ser Glu Met Ala Ser Ser
 115 120

<210> 8179

<211> 35

<212> PRT

<213> Homo sapiens

<400> 8179

Pro Asn Ile Ser Pro Leu Ile Gly Ile Phe Ser Lys Asn Gln Leu Ile
 1 5 10 15

Thr Cys Val Leu Asp Leu Val Ile Cys Ala Pro Gly Arg His Thr Phe
 20 25 30

Ser Trp Phe
 35

<210> 8180

<211> 17

<212> PRT

<213> Homo sapiens

7275

<220>
<221> SITE
<222> (7)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (8)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (14)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (16)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8180
Glu Thr Tyr Leu Ile Met Xaa Xaa Met Glu Ile Thr Leu Xaa Leu Xaa
1 5 10 15

Tyr

<210> 8181
<211> 31
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (2)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (7)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (8)
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<220>

7276

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8181

Trp	Xaa	Ser	Leu	Ala	Leu	Xaa	Xaa	Lys	Cys	Met	Pro	Trp	Met	Asp	Xaa
1				5					10					15	

Met	Ser	Tyr	Ser	Ser	Tyr	Gly	Glu	Tyr	Asp	Ala	Trp	Ala	His	Ile
			20					25					30	

<210> 8182

<211> 152

<212> PRT

<213> Homo sapiens

<220>

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<222> (138)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (152)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8182

Gly	Arg	Gln	Leu	Pro	Arg	Ser	Arg	Arg	Ser	Arg	Val	Phe	Ala	Asp	Arg
1				5					10					15	

Pro	Thr	Lys	Ser	Ser	Met	Arg	Ser	Ala	Ala	Lys	Pro	Trp	Asn	Pro	Ala
			20					25						30	

Ile	Arg	Ala	Gly	Gly	His	Gly	Pro	Asp	Arg	Val	Arg	Pro	Leu	Pro	Ala
			35				40					45			

Ala	Ser	Ser	Gly	Met	Lys	Ser	Ser	Lys	Ser	Ser	Thr	Ser	Leu	Ala	Phe
			50			55					60				

7277

Glu Ser Arg Leu Ser Arg Leu Lys Arg Ala Ser Ser Glu Asp Thr Leu
 65 70 75 80

Asn Lys Pro Gly Ser Thr Ala Ala Ser Gly Val Val Arg Leu Lys Lys
 85 90 95

Thr Ala Thr Ala Gly Ala Ile Ser Glu Leu Thr Glu Ser Arg Leu Arg
 100 105 110

Ser Gly Thr Gly Ala Phe Thr Thr Thr Xaa Arg Thr Gly Ile Pro Ala
 115 120 125

Pro Arg Glu Phe Ser Val Thr Ala Gln Xaa Arg Gly Leu Val Pro Arg
 130 135 140

Gly Pro Ser Asn Leu Xaa Lys Xaa
 145 150

<210> 8183

<211> 23

<212> PRT

<213> Homo sapiens

<220>

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<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8183

Ala Gln Gly Leu Leu Leu Pro Ser Pro Pro Pro Pro Val Thr Trp Xaa
 1 5 10 15

Ile Asn Leu Xaa Gly Ile Cys
 20

<210> 8184

<211> 25

<212> PRT

<213> Homo sapiens

<220>

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7278

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<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8184

Xaa	Val	Thr	Leu	Val	Thr	Gly	Xaa	Val	Pro	Arg	Trp	Xaa	Arg	Ala	Ala
1				5					10					15	

Ala	Ala	Arg	Asp	Ala	Xaa	Glu	Glu	Ala
			20				25	

<210> 8185

<211> 50

<212> PRT

<213> Homo sapiens

<400> 8185

Asn	Ile	Arg	Thr	Leu	Cys	Phe	Thr	Lys	Asn	Asp	Glu	Arg	Ile	Leu	Pro
1				5					10					15	

His	Val	Leu	Leu	Cys	Leu	Glu	His	Phe	Tyr	Gly	Pro	Lys	Arg	Trp	Arg
			20					25					30		

Arg	Cys	Cys	Met	Ser	Ala	Gly	Phe	Phe	Phe	Ser	Tyr	Thr	Arg	Ala	Arg
			35				40					45			

Lys	Asn
	50

<210> 8186

<211> 34

<212> PRT

<213> Homo sapiens

7279

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<222> (33)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (34)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8186
Xaa Tyr Pro Trp Thr Ile Arg Leu Leu Arg Glu Ser Trp Tyr Ala Cys
1 5 10 15
Arg Tyr Arg Ser Gly Ile Pro Gly Ser Xaa His Ala Xaa Xaa Tyr Ile
20 25 30
Xaa Xaa

<210> 8187
<211> 29
<212> PRT
<213> Homo sapiens

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7280

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<220>

<221> SITE

<222> (16)

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<220>

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<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8187

Asn	Ser	His	Xaa	Leu	Phe	Gly	Lys	Leu	Pro	Ala	Cys	Arg	Xaa	Arg	Xaa
1				5					10					15	

Gly	Ile	Pro	Gly	Ser	Xaa	His	Ala	Phe	Xaa	Thr	Asp	Ala
			20					25				

<210> 8188

<211> 55

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

7281

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<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8188

Ser	Val	Cys	Asn	Leu	Ala	Tyr	Val	Asn	Ala	Val	Met	Lys	Leu	Val	Cys
1				5				10					15		

Ser	Ser	Ile	Thr	Val	Val	Phe	Lys	His	Ser	Phe	Ser	Glu	Ile	Val	Ile
			20					25					30		

Xaa	Xaa	Ser	Val	Leu	Met	Cys	Ala	Ser	Xaa	Xaa	Phe	Thr	Cys	Phe	Ser
		35					40					45			

Pro	Gly	Ile	Xaa	Lys	Trp	Arg
	50				55	

<210> 8189

<211> 21

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8189

Ala	Arg	Xaa	Ile	Thr	Thr	Pro	Val	Xaa	Xaa	Val	Leu	Ile	Lys	Tyr	Leu
1				5				10					15		

Val	Ser	Trp	Gly	Leu
			20	

7282

<210> 8190

<211> 35

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8190

Xaa Arg Ile Lys Ser His Glu Phe Leu Val Lys Asn Phe Ala Ala Leu

1

5

10

15

Leu Leu Gly Gly Gly Gly Gly Gln Tyr Thr Thr Glu Met Xaa Tyr Xaa

20

25

30

Lys Xaa Xaa

35

<210> 8191

<211> 186

<212> PRT

<213> Homo sapiens

<220>

7283

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (181)
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<220>
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<400> 8191
Pro Gly Leu Gly Arg Phe Pro Leu Pro Ser Arg His Phe His Gly Pro
1 5 10 15
Ser Cys Pro Glu Thr Arg Leu Gln Asn Pro Thr Arg Pro Glu Trp His
20 25 30
Leu Pro Ser Gln Arg Gly Ala Phe Ala Lys Ser Thr Pro Thr Ala Gly
35 40 45
Arg Gln Ala Arg Ala Trp Lys Ser Lys Arg Gly Pro Ala Cys Pro Ala
50 55 60

7284

Pro Trp Ser Leu Gly Phe Thr Thr Arg His Arg Gln Asn Pro Gly Gly
 65 70 75 80
 Asp Thr Gly Gly Lys Gly Pro Asn Gly Ala Arg Ala Gly Cys Cys Val
 85 90 95
 His Pro Leu Ala Leu Ala Trp Pro Trp Leu Pro Ala Ser Pro Leu Ala
 100 105 110
 Gly Asp Thr Val Cys Arg Gln Ser Pro Ser Leu Gly Cys Lys Ala Phe
 115 120 125
 His Thr Arg Xaa Xaa Xaa Arg Glu Asp Pro Gly Xaa Gly Pro Gly Lys
 130 135 140
 Pro Cys Met Leu Gly Thr Gln Val Val Leu Gly Lys Gly Gln Ala Trp
 145 150 155 160
 Lys Gly Gly Gln Val Pro Lys Xaa Asn Val Thr Gly Leu Gly Ile Phe
 165 170 175
 Leu Xaa Ala Leu Xaa Xaa Lys Ser Leu Lys
 180 185

<210> 8192

<211> 23

<212> PRT

<213> Homo sapiens

<220>

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<222> (8)

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<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8192

Glu Pro Arg Leu Trp Lys Met Xaa Arg Arg Ile Trp Gly Trp Asn Asp
 1 5 10 15

7285

Leu Met Glu Xaa Asn Thr Xaa
20

<210> 8193

<211> 29

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (10)

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<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8193

Ala Gln Gly Leu Leu Leu Pro Ser Pro Xaa Pro Pro Arg Xaa Gly Leu
1 5 10 15

Ile Gly Gln Lys Leu Gln Xaa Xaa Leu Xaa Cys Leu Gln
20 25

<210> 8194

<211> 76

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

7286

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8194

Lys	Ile	Val	Arg	Ala	Lys	Leu	Thr	Ser	Gly	Thr	Glu	Thr	Ser	Ala	Gln
1				5					10					15	

Arg	Ser	Asn	His	Gln	Ile	Ile	Leu	Asn	Thr	Asn	Leu	Ile	Phe	Phe	Phe
			20					25					30		

Leu	Asn	Glu	Lys	His	Glu	Gly	Asn	Cys	Gly	Val	Ser	Leu	Leu	Trp	Ser
			35				40						45		

Xaa	Pro	Pro	Val	Val	Xaa	Gly	Ile	Glu	Glu	Asn	Ile	Asn	Thr	Leu	Thr
			50				55				60				

Pro	Phe	Phe	Asn	Leu	Cys	His	Leu	Lys	Val	Leu	Ala
65					70					75	

<210> 8195

<211> 49

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

7287

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8195

Lys	Gln	Ile	Phe	Leu	Lys	Arg	Tyr	Phe	Cys	Asn	Leu	Xaa	Asn	Leu	Xaa
1				5				10				15			

Phe	Lys	Ser	Tyr	Phe	Ala	Leu	Gly	Lys	Ser	Phe	Gly	Xaa	Cys	Ser	Cys
			20				25					30			

Phe	Xaa	Trp	Phe	Thr	Cys	Xaa	Pro	Ser	Ser	Pro	Lys	Xaa	Phe	Gly	Leu
	35						40					45			

Xaa

<210> 8196

<211> 64

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (64)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8196

Arg	Tyr	Leu	Ser	Ser	Glu	Leu	Lys	Leu	Pro	Leu	Ile	Leu	Ile	Tyr	Leu
1				5				10				15			

Ser	Ile	Gly	His	Trp	Pro	Phe	Phe	Ser	Lys	Tyr	Ser	Ile	Lys	Trp	Glu
			20					25				30			

Phe	Ser	Gly	Arg	Trp	Val	Ser	Tyr	Glu	Val	Ile	Gly	Val	Cys	Leu	Ile
			35				40					45			

Ile	Cys	Asn	Ser	Asn	Met	Leu	Tyr	Phe	Leu	Lys	Ser	Met	Gly	Lys	Xaa
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7288

50

55

60

<210> 8197

<211> 62

<212> PRT

<213> Homo sapiens

<220>

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<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<220>

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<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8197

Xaa Val Ser Phe Asp Leu Xaa Leu Thr Ser Val Ser Phe Phe Lys Pro

1

5

10

15

7290

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (9)

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<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8199

Glu	Glu	Arg	Glu	Xaa	Xaa	Arg	Pro	Xaa	Gly	Ala	Glu	Gln	Asn	Gln	Gly
1				5					10					15	

Thr	Gln	Gln	Thr	Lys	Glu	Arg	Xaa	Arg	Arg	Thr	Gly	Pro	Asn	Pro	Thr
			20					25					30		

Arg	Xaa	Ala	Lys	Lys	Pro	Glu	Xaa	Xaa	Arg	Thr	Arg	Xaa	Ala
			35					40				45	

<210> 8200

<211> 87

<212> PRT

<213> Homo sapiens

7291

<220>
<221> SITE
<222> (1)
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<220>
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<222> (13)
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<220>

7292

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<220>

<221> SITE

<222> (64)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (73)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8200

Xaa	Leu	Lys	Ala	Arg	Pro	Ala	Arg	Thr	Xaa	Arg	Arg	Xaa	Arg	Cys	Xaa
1					5				10					15	

Arg	Pro	Pro	Arg	Asn	Pro	Arg	Gln	Arg	Arg	Ser	Xaa	Trp	Arg	Thr	Arg
			20					25					30		

Ala	Gln	Gly	Leu	Ala	Arg	Arg	Arg	Arg	Xaa	Xaa	Arg	Xaa	Pro	Arg	Thr
		35					40					45			

Pro	Arg	Xaa	His	Arg	Thr	Pro	Arg	Ile	Gln	Arg	Xaa	Xaa	Gly	Pro	Xaa
	50						55				60				

Trp	Pro	Arg	Trp	Ile	Pro	Arg	Thr	Xaa	Arg	Pro	Ala	Arg	Ala	Arg	Trp
65					70					75					80

Ala	Pro	Trp	Gly	Lys	Gly	Pro
				85		

<210> 8201

<211> 88

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7294

Pro Gly Phe Xaa Thr Gly Xaa Phe Phe Gly Lys Xaa Lys Leu Val Lys
 35 40 45

Leu Gly Gly Gln Leu Lys Gly Pro Phe Phe Leu Asn Gln Arg Gly Xaa
 50 55 60

Thr Xaa Met Gly Ala Gln Met Gly Phe Leu Lys Gly Gly Pro Lys Arg
 65 70 75 80

Val Lys Phe Pro Lys Lys Gly Xaa
 85

<210> 8202

<211> 21

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8202

Val Xaa Phe Leu Ser His Asp Tyr Leu Thr Ala Lys His Leu Ile Gly
 1 5 10 15

Leu Leu Leu Tyr His
 20

<210> 8203

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (16)

7295

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8203

Gly	Pro	Glu	Phe	Xaa	Gly	Arg	Pro	Thr	Arg	Pro	Gly	Phe	Gln	Xaa	Xaa
1				5				10						15	

Leu	Ala	Leu	Ile	His	Phe	Gln	Xaa	Asp	Xaa	Gln	Gln	Ala	Phe	Phe	Pro
			20					25						30	

Gln Glu

<210> 8204

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

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<220>

<221> SITE

7296

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8204

Asn	Xaa	Glu	Pro	Leu	Ala	Xaa	Thr	Pro	Gly	Lys	Ser	Xaa	Gln	Thr	Phe
1				5					10					15	

Pro	Glu	Xaa	Cys	Pro	Ala	Cys	Arg	Tyr	Arg	Xaa	Xaa	Asn	Ser	Arg	Val
			20					25					30		

Xaa

<210> 8205

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7297

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8205

Val	Gly	Glu	Pro	Leu	Arg	Xaa	Thr	Pro	Gly	Glu	Ser	Pro	Xaa	Xaa	Phe
1				5					10					15	

Pro	Glu	Asn	Ser	Pro	Ala	Gly	Arg	Xaa	Thr	Val	Arg	Xaa	Xaa	Arg	Val
			20					25					30		

Xaa

<210> 8206

<211> 68

<212> PRT

<213> Homo sapiens

<400> 8206

Ser	Phe	Arg	Ile	Met	Glu	Thr	Trp	Asn	Trp	Asn	Thr	Val	Leu	Val	Ala
1				5					10					15	

Phe	Arg	Thr	Ile	Ser	Thr	Arg	Gln	Gln	Asp	Thr	Pro	Thr	Arg	Ala	Val
			20					25					30		

Cys	Leu	Arg	His	Phe	Leu	Lys	Pro	Lys	Ser	Asn	Lys	Lys	Ala	Gln	Leu
			35					40					45		

Lys	Asn	Met	Ala	Ala	Ser	Leu	Thr	Phe	Pro	His	Tyr	Val	Ala	Phe	Glu
			50				55					60			

Phe	Leu	Asn	Ser
			65

<210> 8207

<211> 51

7298

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8207

Xaa	Ala	Ala	Ser	Val	Ile	His	Ala	Leu	Pro	Gly	Pro	Ser	Thr	His	Cys
1				5				10					15		

Cys	Glu	Cys	Ala	Ser	Pro	Glu	Pro	Val	Lys	Arg	Gln	Leu	Ser	Ile	Leu
			20					25					30		

Glu	Thr	Gln	Ile	Ile	Arg	Ala	Leu	Pro	Cys	Thr	Glu	Glu	Lys	Gly	Ser
			35				40					45			

Thr	Arg	Pro
		50

<210> 8208

<211> 36

<212> PRT

<213> Homo sapiens

<220>

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<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8208

His	Trp	Asp	Phe	Xaa	Arg	Leu	Tyr	Ser	Tyr	Ile	Val	Pro	Ile	Ile	Leu
1				5						10				15	

Xaa	Val	Leu	Thr	Asn	Ser	Phe	Ile	Xaa	Ile	Arg	Thr	Lys	Trp	Lys	Asn
			20					25					30		

Arg	Lys	Val	Gly
-----	-----	-----	-----

7299

35

<210> 8209

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<220>

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<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8209

Xaa	Arg	Arg	His	Leu	Leu	Thr	Leu	Lys	Glu	Gly	Thr	Leu	Pro	Leu	Gln
1				5				10					15		

Val	Pro	Val	Arg	Asn	Ser	Arg	Xaa	Xaa	Pro	Arg	Xaa	Xaa	Lys	Asn	Xaa
			20					25					30		

Lys

7301

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<220>
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 <222> (27)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8211
 Arg Phe Xaa Thr Leu Xaa Ser Gly Thr Pro Pro Gly Thr Gly Pro Glu
 1 5 10 15
 Phe Pro Gly Arg Pro Thr Xaa Pro Xaa Xaa Xaa Ser Asn Gln Lys Lys
 20 25 30

Lys

<210> 8212
 <211> 17
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (13)

7302

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8212

Ser	Glu	Xaa	Ala	Gly	Pro	Leu	Arg	Ala	Gly	Gly	Glu	Xaa	Glu	Ser	Leu
1					5				10					15	

Thr

<210> 8213

<211> 28

<212> PRT

<213> Homo sapiens

<220>

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<222> (11)

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8213

Phe	Leu	Ile	Arg	Asn	Met	Ile	Arg	Met	Cys	Xaa	Xaa	Thr	Thr	Xaa	Ala
1					5				10					15	

Phe	Xaa	Ile	Thr	Xaa	Leu	Thr	Tyr	Ile	Phe	Phe	Glu
			20					25			

<210> 8214

7303

<211> 22

<212> PRT

<213> Homo sapiens

<220>

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<222> (14)

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<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8214

Leu	Val	Lys	Pro	Pro	Asn	Gln	Ile	Val	Asp	Asp	Trp	Phe	Xaa	Ile	Gly
1				5					10					15	

Xaa	Xaa	Xaa	Asp	Leu	Leu
			20		

<210> 8215

<211> 21

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8215

Asp	Gln	Glu	Phe	Gly	Val	Asp	Val	Gly	Pro	Xaa	Glu	Leu	Phe	Ile	Asn
1				5				10					15		

Gln	Thr	Leu	Tyr	Glu
			20	

7304

<210> 8216

<211> 29

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

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<220>

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<222> (5)

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<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8216

Xaa Ile Asn Phe Xaa Tyr Ser Trp Xaa Tyr Cys Ile His Glu Ser His

1

5

10

15

Ser Xaa Asn Asp Xaa Thr Pro Gly Lys Gly Asn Ile Ala

20

25

<210> 8217

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<222> (8)

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<220>

7305

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<220>
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<222> (27)
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<220>
<221> SITE
<222> (30)
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<400> 8217
Ala Asn Ser Thr Ile Ile Ser Xaa Glu Lys Asn Cys Thr Gly Lys Lys
1 5 10 15
Tyr Thr Lys Leu Xaa Xaa Lys Lys Lys Lys Xaa Leu Gly Xaa Gly Thr
20 25 30
Arg

<210> 8218
<211> 132
<212> PRT
<213> Homo sapiens

<220>
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<222> (78)
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<220>
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7306

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<220>
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<220>
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<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (132)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8218
 Lys Gly Gly Pro Gly Gln Met Cys Pro His Ile Leu Ser Gly Glu Glu
 1 5 10 15
 Asn Gly Gln Glu Arg Glu Ala Asp Pro Cys Ser Pro Cys Cys Tyr Val
 20 25 30
 Arg Arg Cys Gly Thr Glu Glu Pro Arg Cys Gly Gln Gly Gln Ala Arg
 35 40 45
 Arg Gly Thr Lys Arg Asn Glu Ser His Ile Gly Gly Gly Cys Ser Glu
 50 55 60
 His Asn Ser Leu Ala Thr Ala Arg Ser Pro Leu Arg Thr Xaa Arg Ile
 65 70 75 80
 Pro Gly Arg Gln Gln Val Ala Pro Xaa Arg Ala Pro Ala Pro Ala Xaa
 85 90 95
 Cys Lys Glu Cys Lys Cys Thr Phe Cys Lys Lys Ser Cys Cys Ser Cys
 100 105 110
 Cys Pro Xaa Gly Cys Pro Ser Val Pro Met Leu Arg Leu Xaa Arg Gly
 115 120 125
 Ile Xaa Xaa Xaa

7307

130

<210> 8219

<211> 43

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8219

Glu	Asn	Ile	Xaa	Glu	Ser	Val	Ser	Ala	Met	Glu	Cys	Pro	Met	Gly	His
1				5					10					15	

Leu	Leu	Cys	Thr	Tyr	Cys	Leu	Xaa	Phe	Pro	Gln	Thr	Val	Ile	Phe	Leu
			20					25					30		

Asn	Thr	Ile	Asn	Tyr	Xaa	Asp	Glu	Lys	Lys	Asn
		35						40		

<210> 8220

<211> 52

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (7)

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<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

7308

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<220>
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<220>
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<222> (37)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (50)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8220
Pro Thr Arg Val Ser Ala Xaa Leu Lys Thr Leu Leu Gly Lys Met Gly
1 5 10 15
Thr Val Pro Xaa Glu Ser His Xaa Ser Asp Xaa Gln Tyr Phe Xaa Ile
20 25 30
Ala Phe Asp Phe Xaa Val Leu Trp Asn Lys Cys Val Met Leu Cys Leu
35 40 45
Met Xaa Cys Ser
50

<210> 8221
<211> 17
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7309

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8221

Asp	Ile	His	Xaa	Xaa	Gln	Xaa	Ala	Gly	Xaa	Xaa	Thr	Tyr	Thr	Asp	Pro
1				5					10					15	

Val

<210> 8222

<211> 49

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8222

Ile	Gly	Leu	Tyr	Tyr	Lys	Thr	Leu	Phe	Ser	Asn	Leu	Tyr	Phe	Cys	Ser
1				5					10					15	

Asn	Val	Asn	Asp	Asn	Arg	Thr	Leu	Leu	Glu	Lys	Arg	Pro	Met	Ile	Leu
			20					25					30		

Asn	Ile	Val	Xaa	Cys	Gln	Leu	Ile	Val	Leu	His	Gln	Ser	Pro	Tyr	Ser
		35					40					45			

Cys

7310

<210> 8223

<211> 48

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8223

Xaa	Xaa	Trp	Asn	Leu	Xaa	Tyr	Arg	Leu	Ser	Trp	Tyr	Ala	Cys	Arg	Tyr
1				5					10				15		

Arg	Ser	Gly	Ile	Pro	Gly	Ser	Thr	His	Ala	Ser	Val	Lys	Xaa	Ser	Tyr
			20					25					30		

Ser	Leu	Ile	Phe	Val	Ile	Ser	Leu	Met	Gly	Xaa	Ile	Xaa	Glu	Xaa	Gly
			35					40					45		

7311

<210> 8224

<211> 22

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

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<220>

<221> SITE

<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8224

Lys Glu Gly Phe Xaa Asn Tyr Xaa Xaa Val Arg Ala Gly Leu Thr Ile
1 5 10 15

Glu Cys Asn Xaa Tyr Val
20

<210> 8225

<211> 111

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (90)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7312

<221> SITE

<222> (92)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (105)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (110)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8225

Leu	Pro	Pro	Tyr	Arg	Glu	Leu	Leu	Val	Gly	His	Leu	Asp	Leu	Leu	Pro
1				5					10					15	

Phe	Leu	Glu	Gln	Leu	Tyr	Cys	Trp	Ala	Pro	Trp	Val	Gln	Thr	His	Leu
			20					25					30		

His	Leu	Asp	Leu	Leu	Gly	Ala	Ile	Val	Gln	Ala	Phe	Pro	Pro	Asp	Ser
		35					40					45			

Ser	Leu	Leu	Asp	Ser	Ala	Ser	His	Ala	Asp	Cys	Cys	Pro	Gln	Lys	Arg
	50					55					60				

Arg	Leu	His	His	Arg	Pro	Pro	Cys	Pro	Ala	Cys	Pro	Phe	Val	Gln	Ala
65					70					75					80

Gln	Trp	Ser	Arg	Gln	Gln	Val	Lys	Glu	Xaa	Leu	Xaa	Thr	Trp	Leu	Gly
				85					90					95	

Pro	Leu	Thr	Leu	Ala	Glu	Leu	Gln	Xaa	Trp	Leu	Gly	Ile	Xaa	Gly	
			100					105					110		

<210> 8226

<211> 42

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

7313

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8226

Tyr	Met	Pro	Ser	Leu	Thr	Trp	Tyr	Ala	Leu	Arg	His	Thr	Xaa	Asp	Cys
1				5				10					15		

Tyr	Thr	Ser	Ile	Ser	Ile	Glu	Asn	Pro	Leu	Leu	Pro	Ile	Arg	Xaa	Ile
			20				25						30		

Leu	Ile	His	Phe	Xaa	Glu	Xaa	Xaa	Ser	Trp
		35					40		

<210> 8227

<211> 19

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8227

Asn	Gly	Val	Xaa	Lys	Leu	Ala	Val	Tyr	Thr	Ile	Ile	Xaa	Ile	Tyr	Phe
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7314

1

5

10

15

Met Lys Xaa

<210> 8228

<211> 104

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8228

Ala	Pro	Xaa	Asp	His	Leu	Pro	Phe	Pro	Glu	Ala	Gly	Ser	Pro	Glu	Leu
1				5					10					15	

Gly	Leu	Leu	Val	Pro	Gly	Leu	Arg	Gln	Leu	Leu	Thr	Gln	Gln	Cys	Ile
			20					25						30	

Ser	Arg	Cys	Ser	Gln	Gly	Phe	Trp	Ala	Pro	Val	Thr	Ala	Ala	Ser	Pro
		35					40					45			

Val	Leu	His	Arg	Pro	Trp	Ala	Pro	Arg	Gly	Trp	Leu	Ser	Gly	Ile	Glu
	50					55					60				

Ala	Ala	Gly	Ser	Cys	Thr	Leu	Phe	Met	Tyr	Tyr	Pro	Ser	Val	Gly	Arg
	65					70				75					80

Ala	Glu	Arg	Ala	Ala	Gly	Ser	Ser	Trp	Leu	Gln	Pro	Ser	Pro	Thr	Gln
				85					90					95	

Ser	Ser	Ser	Gly	Gly	Gly	Asp	Pro
							100

<210> 8229

<211> 44

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

7315

<220>

<221> SITE

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8229

Ser	Tyr	Thr	Arg	Thr	Leu	Gln	Ile	Val	Phe	Leu	Lys	Val	Asn	Tyr	Asn
1				5				10					15		

Val	Glu	Phe	Glu	Thr	Ile	Ser	Met	Asn	Leu	Tyr	Ser	Tyr	Ile	Lys	Ser
			20					25					30		

His	Cys	Phe	Thr	Phe	Lys	Lys	Lys	Lys	Xaa	Xaa	Xaa
			35					40			

<210> 8230

<211> 37

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (12)

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<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

7316

<400> 8230

Val	Lys	Ser	Val	Ile	Lys	His	Asn	Pro	Thr	Val	Xaa	Ile	Xaa	Gly	Pro
1				5					10					15	

Ile	Lys	Asn	Leu	Thr	Xaa	Asp	Ser	Lys	Cys	Asp	Xaa	Asn	Glu	Ile	Ile
			20					25					30		

Lys	Val	Xaa	Tyr	Leu
			35	

<210> 8231

<211> 130

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (120)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (125)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (128)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (129)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (130)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8231

Ala	Ser	Leu	Ser	Val	Val	His	Arg	Val	Leu	His	Gly	Val	Pro	Phe	Leu
1				5					10					15	

7317

Pro Glu Ile Phe Leu Gly Ser Leu Phe Leu Pro Arg Val Pro Ser Arg
 20 25 30
 Cys Arg Leu Leu Leu Pro Arg Val Pro Ser Leu His Ala Asp Phe Ser
 35 40 45
 Ser Arg Ala Ser Arg Leu Ser Thr Pro Pro Phe Pro Pro Ala Arg Pro
 50 55 60
 Xaa Ser Pro Pro Pro Phe Ala Pro Ala Arg Pro Val Ser Ala Pro Thr
 65 70 75 80
 Phe Pro Pro Ala Arg Pro Val Ser Met Ser Pro Pro Cys Asn Ile Trp
 85 90 95
 Arg Asp Phe Leu His Phe Val Pro Phe Ser Pro Ser Ile Asp Phe Phe
 100 105 110
 Val Leu Arg Leu Thr Ile Lys Xaa Leu Ile Ser Lys Xaa Lys Lys Xaa
 115 120 125
 Xaa Xaa
 130

<210> 8232

<211> 45

<212> PRT

<213> Homo sapiens

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7319

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<220>

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<400> 8233

Ile	Tyr	Ile	Arg	His	Ile	Gly	Arg	Asp	Ala	Leu	Thr	Xaa	Xaa	Xaa	Gly
1					5					10				15	

Cys	Thr	Ile	Ala	Val	Ile	Leu	Thr	Arg	Val	Xaa	Gly	Glu	Val	Ile	Glu
			20					25					30		

Ile	Ser	Ser	Glu	Cys	Thr	Xaa	Leu	Tyr	Cys	Tyr	Met	Glu	Xaa	Ser	Ser
		35					40					45			

Xaa Pro

50

<210> 8234

<211> 38

<212> PRT

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<220>

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7320

<400> 8234

Leu Xaa Lys Trp Gly Glu Asn Lys Cys Cys Gln Val Leu Xaa Leu Ser
 1 5 10 15

Ala Ile Met Asn Met Ser Xaa Arg Ala Ser Cys Thr Xaa Ser Gly Asn
 20 25 30

Thr Ile Thr Cys Leu Xaa
 35

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<211> 42

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7321

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<400> 8235

Xaa	Lys	Leu	Lys	Met	Leu	Xaa	Ser	Gly	Met	Ile	Arg	Val	Thr	Xaa	Asn
1				5					10					15	

Met	Lys	Gly	Ser	Thr	Xaa	Gln	Thr	Val	Met	Xaa	Phe	Pro	Ser	Gly	Pro
			20					25					30		

Phe	Ala	Xaa	Phe	Val	Gly	Xaa	Asn	Leu	Thr
		35					40		

<210> 8236

<211> 49

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8236

Ser	Phe	Val	Phe	Met	Ala	Cys	Val	Lys	Leu	Leu	Gln	Asp	Val	Cys	Cys
1				5					10					15	

Gln	Lys	Arg	Leu	Asp	Gly	Phe	Lys	Lys	Met	Gly	Leu	Ser	Leu	Pro	Ser
			20					25					30		

Tyr	Ala	Ser	Ile	Xaa	Phe	Cys	Thr	Pro	Gln	Leu	Leu	Leu	Asn	Ser	Leu
			35				40					45			

Phe

<210> 8237

<211> 35

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<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8237

Asp	Tyr	His	Arg	Pro	Cys	Pro	His	Leu	Trp	Trp	Thr	Xaa	Xaa	Tyr	Thr
1					5				10					15	

Gly	Gly	Pro	Val	Ile	Xaa	Leu	Ser	Tyr	Lys	Asp	Phe	Asn	Gly	Leu	Lys
			20					25					30		

Lys	Phe	Xaa
		35

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<211> 18

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<400> 8238

7323

Ile Lys Cys Thr Pro Leu Lys Lys Xaa Asn Lys Xaa Lys Xaa Val Leu
 1 5 10 15

Xaa Lys

<210> 8239

<211> 50

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8239

Ala Pro Pro Xaa Leu Ala Ala Gly Pro Ala Arg Pro Ala Pro Gly Val
 1 5 10 15

Arg Pro Pro Arg Ser Arg Ala Leu Arg Ala Arg Arg Asp Val Ser Ser
 20 25 30

Leu Pro Ala Arg Gly Pro Ala Arg Xaa Gly Xaa Arg Pro Glu Xaa Gln
 35 40 45

Arg Xaa

50

7324

<210> 8240

<211> 72

<212> PRT

<213> Homo sapiens

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7325

<400> 8240

Val Arg Gln Leu Gln Val Asn Xaa Xaa Arg Gly Lys Arg Ile Gly Xaa
1 5 10 15
Ile Pro Gly Pro Val Glu Thr Arg Pro Xaa His Cys Ile Val Leu Tyr
20 25 30
Glu Ala Arg Xaa Thr Ser Phe Ala Arg Arg Glu Gln Val Asp Ala Ser
35 40 45
Leu His Met Tyr Ser Lys Met Thr Ala Gly Gln Xaa Met Asn Lys Cys
50 55 60
Xaa Ser Asn Ala Cys Xaa Xaa Arg
65 70

<210> 8241

<211> 40

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (38)

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<400> 8241

Thr Lys Xaa Asp Ile Tyr Tyr Glu Met Val Ile Phe Xaa Xaa Xaa Ile

7326

1	5	10	15
Phe Cys Leu Lys Cys Ile Gly Leu Lys Glu Ile Cys Met Leu Leu Ile			
	20	25	30
Asn Val Thr Ser Tyr Xaa Asn Phe			
	35	40	

<210> 8242

<211> 22

<212> PRT

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<220>

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<222> (22)

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<400> 8242

His Asp Tyr Met Lys Xaa Gln Tyr Ala Leu Thr Xaa Gly Ile Leu Lys
1 5 10 15

Xaa Asn Xaa Glu Glu Xaa
20

<210> 8243

<211> 39

7327

<212> PRT

<213> Homo sapiens

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<222> (38)

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<400> 8243

Xaa	Val	Thr	Leu	Xaa	Pro	Cys	Glu	Val	Val	Tyr	Ser	Gln	Asp	Xaa	Ala
1				5					10					15	

Gly	Lys	Arg	Xaa	Tyr	Ser	Cys	Pro	Val	Tyr	Gln	Met	Ile	Ser	Asp	Ser
			20					25					30		

Leu	Arg	Asn	Gly	Gly	Xaa	Xaa
			35			

<210> 8244

<211> 24

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<213> Homo sapiens

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7329

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 <400> 8246
 Gly Leu Lys Thr Phe Ile Gly Trp Val Trp Tyr Xaa Arg Phe Xaa Xaa
 1 5 10 15

Xaa Asp

<210> 8247
 <211> 16
 <212> PRT
 <213> Homo sapiens

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 <400> 8247
 Glu Thr Ile His Xaa Xaa Ile Glu Ser Ile Thr Xaa Phe Lys Leu Ile
 1 5 10 15

7330

<210> 8248

<211> 27

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8248

Val	Leu	Tyr	Ile	Glu	Arg	Xaa	Leu	Ser	Ile	Xaa	Asn	Gln	Xaa	Phe	Arg
1				5					10					15	

Phe	Tyr	Cys	Gly	Ser	Ile	Phe	Asn	Ala	His	Ile
			20					25		

<210> 8249

<211> 40

<212> PRT

<213> Homo sapiens

<400> 8249

Leu	Thr	Asn	Phe	His	Phe	Lys	Lys	Lys	Ala	Tyr	Lys	Val	Thr	Tyr	Met
1				5					10					15	

Ile	Phe	Pro	Leu	Arg	Ser	Ala	Leu	Ile	Ser	Trp	Ile	Pro	Leu	Cys	Asn
			20					25					30		

Ile	Phe	Ile	Ile	Ile	Ile	Ser	Lys
			35				40

7331

<210> 8250
<211> 50
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7332

<400> 8250

Xaa Thr Pro Met Gly Asn Thr Xaa Arg Xaa Tyr Ala Lys Xaa Asp Arg
1 5 10 15

Ser Gly Ile Pro Gly Ser Thr His Ala Ser Gly Gly Gly Gly Leu Tyr
20 25 30

Phe Ile Pro Ala Leu Gly Leu Xaa Asp Glu Ser Xaa Thr Gln Xaa Xaa
35 40 45

Xaa Leu
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<210> 8251

<211> 51

<212> PRT

<213> Homo sapiens

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<222> (50)

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<400> 8251

7333

Thr His Ala Thr Met Ser Phe Xaa Thr Pro Ala Val Lys Arg Leu Cys
 1 5 10 15
 Xaa Ala Cys Val Leu Phe Ala Asp Leu Ser Leu Thr Trp Pro Trp Gln
 20 25 30
 Ala Val Gly Arg His Leu Val Xaa Ala Asp Xaa Xaa Asp His Ser Tyr
 35 40 45
 Leu Xaa Met
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<210> 8252

<211> 32

<212> PRT

<213> Homo sapiens

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<220>

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<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8252

Gly Thr Xaa Leu Ser Pro Met Arg Ala Gln Trp Asn Xaa Xaa Ser Arg
 1 5 10 15

Met Gln Pro Val His Leu Arg Pro Cys Leu Glu Gly Val Tyr Leu Asn
 20 25 30

<210> 8253

<211> 22

<212> PRT

<213> Homo sapiens

7334

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8253

Glu	Arg	Xaa	Asp	Val	Thr	Glu	Ala	Xaa	Trp	Asn	Pro	Leu	Pro	Ser	Pro
1				5					10					15	

Xaa	Thr	Xaa	Gly	Thr	Ser
			20		

<210> 8254

<211> 47

<212> PRT

<213> Homo sapiens

<400> 8254

Gly	Asn	Ser	Ile	Glu	Met	Leu	Asn	Thr	Ile	Ser	Glu	Ser	Tyr	Val	Phe
1				5					10					15	

Phe	Leu	Ser	Ser	Gly	Ile	Pro	Leu	Leu	Tyr	Phe	Tyr	Lys	Leu	Phe	Ser
				20				25					30		

His	Cys	His	Trp	Asn	Arg	Tyr	Leu	Arg	Leu	Cys	Arg	Tyr	Ala	Ile
		35					40					45		

<210> 8255

<211> 59

<212> PRT

<213> Homo sapiens

7335

<400> 8255

Ala Ala Cys Thr Pro Ala Ala Tyr Ile Phe Leu Ala Thr Lys Leu Pro
1 5 10 15

Ala Thr Gly Ser Ala Glu Pro Ser Ser Trp Ser Val Ile Thr Glu Gln
20 25 30

Cys Ile Leu Ala Leu Asp Val Ser Val Asp Lys Leu Ala Glu Phe Leu
35 40 45

Tyr His Ile Leu Ser Thr Arg Ser Leu Leu Phe
50 55

<210> 8256

<211> 41

<212> PRT

<213> Homo sapiens

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<400> 8256

Ser Glu Lys Val Lys Thr Ala Phe Thr Lys Pro Gly Arg Trp Gly Leu
1 5 10 15

Cys Glu Pro Leu Cys Thr Gly Ser Leu Arg Asp Ser Ala Trp Cys Ser
20 25 30

Arg Xaa Ile Leu Ala Xaa Val Gly Glu
35 40

<210> 8257

<211> 19

<212> PRT

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7336

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<400> 8257

Ala Gln Gly Leu Leu Leu Pro Ser Pro Pro Pro Pro Val Tyr Leu Ser

1

5

10

15

Xaa Xaa Xaa

<210> 8258

<211> 27

<212> PRT

<213> Homo sapiens

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<400> 8258

Gly Arg Gly Xaa Ala Ala Gly Leu Arg Gly Arg Thr Thr Gly Xaa Gly

1

5

10

15

Arg Arg Gln Thr Leu Xaa Trp Gly Phe Pro Xaa

20

25

7337

<210> 8259

<211> 34

<212> PRT

<213> Homo sapiens

<400> 8259

Lys Thr Gln Val Cys Pro Cys Val Ser Tyr Lys Val His Leu Lys Leu
 1 5 10 15

Val Ser Val Cys His Ile Ser Leu Ser Trp Tyr Ile Lys Cys Ser Leu
 20 25 30

His Ile

<210> 8260

<211> 44

<212> PRT

<213> Homo sapiens

<220>

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<400> 8260

Leu Glu Lys Pro Cys Xaa Thr Ser Pro Gly Thr Pro Pro Glu Phe Pro
 1 5 10 15

Gly Arg Pro Thr Arg Pro Pro Pro Leu Xaa Gly Phe Arg Xaa Ala Cys
 20 25 30

7338

Pro Arg Xaa Gly Phe Pro Arg Asp Ser Gly Val Trp
35 40

<210> 8261

<211> 51

<212> PRT

<213> Homo sapiens

<220>

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<222> (21)

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<400> 8261

Ala Gly Thr Pro Ala Gly Thr Gly Pro Glu Phe Pro Gly Arg Pro Thr
1 5 10 15

Arg Pro Gly Gly Xaa Ile Gly Glu Gly Pro Glu Ser Val Leu Gly Gly
20 25 30

Gly Ile Gly Glu Gly Pro Glu Cys Gly Leu Gly Gly Gly Ile Gly Glu
35 40 45

Gly Pro Glu
50

<210> 8262

<211> 56

<212> PRT

<213> Homo sapiens

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7339

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<400> 8262

7340

Phe Leu Xaa Xaa Xaa Leu Leu Gly Phe Met Gln Arg Gln Xaa Cys Val
 1 5 10 15

Asn Xaa Gln Lys Thr Leu Ile Trp Lys Tyr Glu Asn Gln Xaa Xaa Leu
 20 25 30

Xaa Ile Lys Asn Xaa Xaa Thr Xaa Val Ile Ile Leu Lys Xaa Ile Leu
 35 40 45

Xaa Lys Ile Thr His Leu Ile Lys
 50 55

<210> 8263

<211> 18

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8263

Ala Xaa Gly Leu Leu Leu Pro Ser Pro Pro Pro Pro Val Xaa Xaa Leu
 1 5 10 15

Xaa Gln

<210> 8264

<211> 24

<212> PRT

7341

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

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<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8264

Ala	Pro	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr	Arg	Xaa	Glu	Val
1				5				10					15		

Leu	Arg	Cys	Arg	Xaa	Arg	Ile	Gly
			20				

<210> 8265

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8265

Asp	Thr	Gln	Thr	His	Ala	Xaa	Cys	Pro	Asn	Ser	Cys	Arg	Thr	Leu	Asn
1				5				10					15		

Xaa	Glu	Xaa	Asp	Gly	Thr	Leu	Thr	Lys	Ser	Val	Thr	Glu	Pro	Leu	Arg
			20					25					30		

Met

7342

<210> 8266

<211> 34

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8266

Glu Ser Met Leu Met Lys Pro Val Thr Pro Cys Arg Pro Ile Gly Lys

1

5

10

15

Glu Xaa Gly Pro Arg Xaa Ser Val Thr Pro Xaa Thr Gly Ala Leu Tyr

20

25

30

Leu Ser

<210> 8267

<211> 28

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

7343

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8267

Lys Xaa Xaa Thr Pro Phe Leu Ser Leu Pro Ser Phe Leu Ala Leu His
1 5 10 15

Pro Ser Ser Phe Met Leu Xaa Val Val Leu Asn Lys
20 25

<210> 8268

<211> 22

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8268

Ala Pro Xaa Cys Pro Ser Trp Arg Ser Ser Cys Ile Arg Pro Asn Asn
1 5 10 15

Asp Met Ala Arg Xaa Leu
20

<210> 8269

<211> 42

<212> PRT

<213> Homo sapiens

<220>

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

7344

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8269

Glu	Pro	Pro	Tyr	Arg	Val	Gly	Gly	Arg	Ser	Xaa	Ala	Pro	Asp	Gly	His
1				5				10					15		

Thr	Gly	Thr	Ala	Asp	Ala	Asn	Gly	Ala	Ser	Xaa	Xaa	His	Pro	Ala	Thr
			20				25					30			

Arg	Ala	Cys	Ala	Gly	Ser	Thr	Gln	Gly	Gly
		35					40		

<210> 8270

<211> 48

<212> PRT

<213> Homo sapiens

<220>

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<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8270

Ser	Pro	Pro	Ile	Gly	Leu	Arg	Asp	Xaa	Pro	Glu	Xaa	Pro	Gly	Arg	Pro
1				5				10					15		

Thr	Arg	Pro	Thr	Leu	Leu	Gly	Leu	Arg	Leu	Pro	Gly	Ser	Leu	Ser	Pro
			20				25					30			

Pro	Glu	Asp	Leu	Pro	Val	Arg	Asp	Leu	Ala	Xaa	Trp	Gly	Xaa	Ser	Leu
		35					40					45			

7345

<210> 8271

<211> 44

<212> PRT

<213> Homo sapiens

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<222> (11)

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<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8271

Leu Arg Val Leu Lys Gly Xaa Gly Lys Gln Xaa Val His Xaa Ser Lys

1

5

10

15

Asn Tyr Asn Ile Leu Glu Glu Tyr Xaa Leu Pro Tyr Val Asn Thr Phe

20

25

30

Pro Ala Xaa Phe Glu Xaa Val Gly Trp Gly Glu Thr

35

40

7346

<210> 8272

<211> 36

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8272

Xaa	Xaa	Asp	Lys	Ile	Gly	Xaa	Xaa	Glu	Asn	Gly	His	Asp	Ser	Thr	Arg
1				5				10						15	

Thr	Trp	Gly	Lys	Tyr	Ala	Arg	Xaa	Glu	Glu	Ala	Lys	Leu	Asn	Glu	Asn
			20					25					30		

Gly	Asp	Ala	Gly
			35

<210> 8273

<211> 47

<212> PRT

<213> Homo sapiens

<400> 8273

Met Leu Phe Met Ile Ser Glu Pro Cys Ser Ile Leu Trp Leu Phe Phe

7347

1 5 10 15
Phe Leu Ile Tyr Leu Tyr Phe Tyr Cys Tyr Tyr Leu Lys Lys Asn Phe
 20 25 30
Leu Cys Leu Ile Thr Asn Ser Ser Leu Lys Phe Pro Thr Ile Val
 35 40 45

<210> 8274

<211> 22

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8274

Xaa Lys Lys Lys Lys Lys Lys Arg Lys Ser Gln Lys Glu Arg Asp Lys
1 5 10 15

Glu Val Ser Asp Asp Glu
 20

<210> 8275

<211> 93

<212> PRT

<213> Homo sapiens

<220>

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<222> (18)

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<222> (31)

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<222> (39)

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7348

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (72)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8275

Val	Lys	Leu	Val	Arg	Leu	Gln	Val	Pro	Val	Arg	Asn	Ser	Arg	Val	Asp
1				5				10						15	

Pro	Xaa	Val	Arg	Ser	Gly	Leu	Pro	Ala	Pro	Gly	Pro	Gly	Asn	Xaa	Leu
			20					25					30		

Leu	Lys	Ala	Glu	Pro	Arg	Xaa	Cys	Xaa	Ser	Leu	Leu	Pro	Val	Leu	Pro
		35					40					45			

Pro	Gln	Lys	Pro	Ser	Ser	Pro	Gly	Gly	Ala	Asp	Gly	Ala	Arg	Val	Gln
	50					55					60				

Thr	Arg	Ser	Leu	Pro	Pro	Gln	Xaa	Cys	Leu	Ala	Pro	Leu	Asp	Leu	Cys
65					70					75					80

Lys	Gly	Gly	Val	Thr	Ala	Gly	Ser	Glu	Pro	Leu	Ala	Leu
				85					90			

<210> 8276

<211> 37

<212> PRT

<213> Homo sapiens

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<222> (1)

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<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8276

Xaa	Xaa	Gly	Lys	Xaa	Arg	Thr	Ile	Gly	Gln	Ala	Gly	Thr	Pro	Ala	Gly
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7349

1	5	10	15
Thr Gly Pro Glu Phe Pro Gly Arg Pro Ile Arg Pro Asp Phe Ser Phe			
	20	25	30
Ser Asp Thr Arg Gly			
	35		

<210> 8277

<211> 27

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (12)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8277

Gly Xaa Phe Asn Leu Lys Met Ser Lys Phe Xaa Xaa Arg Leu Asn Ala
1 5 10 15

Val Gln Phe Xaa Gly Met Asn Asp Ile Xaa Arg
20 25

<210> 8278

<211> 29

7350

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8278

His	Ser	Tyr	Asn	Ala	Ser	Lys	Leu	Asp	Thr	Ser	Ser	Phe	Xaa	Arg	Xaa
1				5					10						15

Val	Lys	Cys	Met	Gln	Asn	Asn	Ile	Xaa	Lys	Ser	Ile	Asp
			20				25					

<210> 8279

<211> 75

<212> PRT

<213> Homo sapiens

<400> 8279

His	Ile	Lys	Glu	Gly	Phe	Cys	Arg	Gly	Glu	Leu	Ser	Leu	Asn	Tyr	Gly
1				5					10					15	

Arg	Thr	Phe	Gln	Ala	Asp	Thr	Asn	Ala	Lys	Ala	Leu	Gln	Cys	Glu	Glu
			20					25					30		

Leu	Thr	Thr	His	Lys	Asp	Gly	Glu	Gln	Phe	Ile	Val	Thr	Gly	Ala	Gln
			35					40					45		

Gly	Ala	Ala	Lys	Glu	Leu	Glu	Arg	Gly	Lys	Gly	His	Thr	Lys	Glu	Ser
			50				55					60			

Leu	Ile	Gln	Arg	Val	Trp	Thr	Ile	Lys	Gly	Phe
65					70					75

<210> 8280

7351

<211> 52
 <212> PRT
 <213> Homo sapiens

<220>
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<220>
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<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (48)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8280
 Ser Ile Ile Ala Phe Lys Asn Glu Gly Cys Leu Ile Xaa Pro Phe Xaa
 1 5 10 15

Leu Tyr Ser Val Gly Leu Xaa Thr Xaa Asn Cys Xaa Leu Gln Leu Leu
 20 25 30

Lys Gly Gln Arg Val Asn Leu Thr Tyr Xaa Thr Ala Arg Ile Trp Xaa
 35 40 45

Ser Glu Leu Phe
 50

7352

<210> 8281

<211> 52

<212> PRT

<213> Homo sapiens

<220>

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<222> (47)

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<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8281

Ser	Val	Arg	Phe	Arg	Val	Asn	Ile	Trp	Val	Cys	Leu	Thr	Leu	Lys	Pro
1				5					10					15	

Met	Phe	Phe	Leu	Leu	Leu	Ser	Val	Thr	Ser	Ser	Leu	Val	Phe	Asn	Ser
			20					25					30		

Asn	Arg	Ser	Thr	Val	Ile	Lys	Leu	Cys	Leu	Ser	Gly	Lys	Lys	Xaa	Xaa
		35					40					45			

Xaa	Lys	Lys	Xaa
			50

<210> 8282

<211> 62

<212> PRT

<213> Homo sapiens

<400> 8282

Lys	Leu	Ser	Phe	Ala	Ala	Ile	Asn	Arg	Tyr	Gly	Asn	Ile	Cys	Arg	Ile
1					5					10				15	

7353

Gly Leu Thr Asp Phe Val Lys Gln Met Ser Cys Tyr Phe Ala Ile Val
 20 25 30

Arg His Ala Val Val Leu Lys Ile Thr Leu Ile Glu Gly Lys Asn Ile
 35 40 45

Gly Ile Arg Leu Asn Arg Tyr Arg Phe Ser Asp Asn Asp His
 50 55 60

<210> 8283

<211> 52

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (32)

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<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8283

Glu Xaa Pro Gln Val Pro Val Arg Asn Ser Arg Val Asp Pro Arg Val
 1 5 10 15

Arg Leu Cys Pro Xaa Val Glu Phe Leu Ala Pro Leu Pro Val Pro Xaa
 20 25 30

Cys Val Pro Gly Arg Arg Ala Gly Leu Gly Ala Xaa Glu Pro Pro Cys
 35 40 45

7354

Leu Xaa Glu Ala
50

<210> 8284

<211> 40

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

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<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8284

Xaa Gly Xaa Xaa Glu Arg Pro Gln Val Pro Val Arg Asn Ser Arg Val

1

5

10

15

Asp Pro Arg Val Arg Ile Phe Lys Phe Gly Gln Pro Xaa Ser Ala Arg

7355

	20	25	30
Asn Xaa Xaa Xaa Thr Asp Leu Thr			
	35	40	

<210> 8285
 <211> 47
 <212> PRT
 <213> Homo sapiens

<220>
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<220>
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<400> 8285
 Ala Ser Xaa Gly Thr Leu Trp Ile Gly Leu Xaa Gly Asn Val Ser Arg
 1 5 10 15

7356

Tyr Arg Pro Gly Ile Pro Gly Ser Thr His Ala Ser Gly Ile Lys Thr
 20 25 30

Trp Asn Arg Xaa Lys Arg Asn Pro Ile Xaa Xaa Gln Xaa Xaa Ala
 35 40 45

<210> 8286

<211> 44

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<222> (31)

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<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8286

Thr Xaa Gly Lys Ala Tyr Xaa Glu Ser Phe Pro Gly Thr Ala Pro Glu
 1 5 10 15

7357

Phe Pro Gly Arg Pro Thr Arg Xaa Xaa Ser Pro Val Ser Pro Xaa Ala
 20 25 30

Pro Asp Pro Thr Xaa Leu Leu Leu Xaa Pro Leu Leu
 35 40

<210> 8287

<211> 56

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8287

Leu Leu Xaa Leu Gly Gly Thr Ala Pro Gln Val Pro Val Arg Asn Xaa
 1 5 10 15

Arg Val Asp Pro Arg Val Arg Xaa Phe Ile Gly Ala Ile Gln Asn Ser
 20 25 30

Ser Xaa Pro Thr Ile Gln Glu Tyr Arg Arg Gln Phe Glu Ser His Ser
 35 40 45

Phe Phe Leu Lys Phe Ser Thr Ser
 50 55

<210> 8288

<211> 50

7358

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (8)

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8288

Asp	Thr	Thr	Cys	Ile	Leu	Ile	Xaa	Ser	Asp	Leu	Phe	Asp	Leu	Xaa	Leu
1				5				10						15	

Gln	Gly	Lys	Ile	Leu	Asn	Glu	Lys	Arg	Gly	Ser	Glu	Met	Met	Xaa	Xaa
			20					25						30	

Thr	Arg	Tyr	Leu	Asp	Phe	Leu	Trp	Ala	Xaa	Thr	Cys	Glu	Thr	Ser	Ile
			35					40						45	

Xaa	Thr
	50

<210> 8289

<211> 62

<212> PRT

7359

<213> Homo sapiens

<400> 8289

Gly Trp Phe Cys Leu Phe Leu Phe Gly Ser Leu Phe Phe Ile Phe Phe
1 5 10 15

Leu Thr Tyr Pro Phe Pro Pro Leu Ser Val Glu Asp Phe Leu Phe Ser
20 25 30

Asp Ser Leu Thr Gln Phe Gln Thr Glu Pro Ser Phe Thr Asp Tyr Phe
35 40 45

Gly Val Leu Val Val Leu Asn Leu Thr Gln Gln Pro Phe Met
50 55 60

<210> 8290

<211> 63

<212> PRT

<213> Homo sapiens

<400> 8290

Gly Asn Phe Gly Gly Gly Asn Tyr Gly Gly Gly Gly Asn Tyr Asn Asp
1 5 10 15

Phe Gly Asn Tyr Ser Gly Gln Gln Gln Ser Asn Tyr Gly Pro Met Lys
20 25 30

Gly Gly Ser Phe Gly Gly Arg Ser Ser Gly Ser Pro Tyr Gly Gly Gly
35 40 45

Tyr Gly Ser Gly Gly Gly Ser Gly Gly Tyr Gly Ser Arg Arg Phe
50 55 60

<210> 8291

<211> 75

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (6)

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<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

7360

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (59)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (64)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8291

Asp	Arg	Met	Cys	Cys	Xaa	Val	Ser	Asp	Pro	Met	Ile	Gln	Val	Met	Ser
1				5					10					15	

Ser	Arg	Thr	Leu	Xaa	Thr	Arg	Leu	His	Thr	Pro	Pro	Pro	Phe	Gln	Pro
			20					25					30		

Gln	His	Trp	His	His	Xaa	Lys	Ala	Gly	Tyr	Pro	Arg	Gly	His	Gly	Met
		35					40					45			

Ile	Ala	Ser	Ser	Ser	Trp	Ser	Leu	Val	His	Xaa	His	Leu	His	Ala	Xaa
	50					55					60				

Glu	Glu	Ser	Gly	Trp	Ile	Leu	Gly	Ala	Leu	Xaa
65					70					75

<210> 8292

<211> 21

<212> PRT

<213> Homo sapiens

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7361

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8292

Ser	Arg	Ser	Pro	Pro	Ser	Leu	Pro	Pro	Pro	Pro	Arg	Glu	Xaa	Leu	Leu
1				5				10						15	

Lys	Ile	Xaa	Xaa	Cys
			20	

<210> 8293

<211> 30

<212> PRT

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<400> 8293

Glu	Pro	Xaa	Glu	Leu	Cys	Phe	Val	Ile	Gln	Gly	Ser	Trp	Xaa	Glu	Gln
1				5					10					15	

7362

Pro Ser Xaa Ser Leu Thr Gln Ser Thr Lys Cys Xaa Leu Xaa
 20 25 30

<210> 8294

<211> 33

<212> PRT

<213> Homo sapiens

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<220>

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<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8294

Pro Xaa Cys Cys Cys Arg Asn Ser Leu Val Xaa Thr Leu Met Xaa Ser
 1 5 10 15

Arg Met Asp Gly Glu Tyr Xaa Ile Glu Leu Cys Xaa Leu Pro Ser Leu
 20 25 30

Phe

<210> 8295

<211> 75

<212> PRT

<213> Homo sapiens

7363

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<400> 8295
Arg Leu Arg Tyr Arg Ala Gly Thr Gly Pro Glu Phe Pro Xaa Arg Pro
1 5 10 15
Thr Arg Xaa Ala Leu Pro Pro Leu Leu Pro Trp Asn Val Arg Asp Pro
20 25 30
Gly Ala Ala Ala Ser Pro Xaa Ala Thr Gly Ile Pro Gly Thr Tyr Glu
35 40 45

7364

Ala Gly Ser Lys Glu Arg Val Leu Val Xaa Xaa Xaa Arg Xaa Cys Leu
50 55 60

Lys Ala Leu Gly Xaa Leu Cys Thr Cys His Leu
65 70 75

<210> 8296

<211> 33

<212> PRT

<213> Homo sapiens

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<222> (11)

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8296

Pro Asn Ser Met Cys Thr Trp Ser Xaa Ile Xaa Lys Ile Leu Xaa Ala
1 5 10 15

Leu Phe Ala Leu Val Leu Phe Ser Met Val Thr Thr Ala Thr Thr Thr
20 25 30

Cys

<210> 8297

<211> 35

<212> PRT

<213> Homo sapiens

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7365

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<400> 8297
Tyr Xaa Asn Met Ser Lys Arg Ser Asp Ser Val Lys Gly Lys His Arg
1 5 10 15
Tyr Xaa Ser Ala Phe Cys Xaa Xaa Ser Trp Gln Arg Asp Ser Glu Xaa
20 25 30
Cys Thr Xaa
35

<210> 8298
<211> 23
<212> PRT
<213> Homo sapiens

<220>
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7366

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8298

His	Asp	Ile	Leu	Lys	Met	Glu	Ala	Lys	Gly	Tyr	Lys	Phe	Tyr	Asn	Xaa
1				5					10					15	

Leu	Glu	Xaa	Phe	Xaa	Pro	Cys
				20		

<210> 8299

<211> 19

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8299

Ala	Gln	Gly	Leu	Leu	Leu	Pro	Ser	Pro	Pro	Pro	His	Val	Phe	Xaa	Xaa
1				5					10					15	

Gly	Xaa	Leu
-----	-----	-----

<210> 8300

<211> 44

<212> PRT

<213> Homo sapiens

<220>

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7367

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8300

Xaa Gly Thr Pro Ala Arg Thr Gly Pro Glu Xaa Pro Gly Arg Pro Thr
1 5 10 15

Arg Pro Ile Leu Ser Tyr Leu His Ser Val Lys Ile Glu Lys Arg Thr
20 25 30

Ile Glu Ser Ile Ile Gly Gln Met Asn Lys Arg Arg
35 40

<210> 8301

<211> 40

<212> PRT

<213> Homo sapiens

<400> 8301

Gln Glu Asn Ile Lys Tyr Asn Ser Leu Phe Phe Val Lys Asn Ile Phe
1 5 10 15

Leu Thr Asn Gly Lys Thr Lys Ser Leu Ala Ile Asn Asn Lys Met Gly
20 25 30

Ala Ile Leu Arg Val Val Lys Ala
35 40

<210> 8302

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8302

Pro Arg Tyr Phe Leu Cys Phe Trp Asp Leu Met Leu Phe Xaa Lys Cys
1 5 10 15

Tyr Cys Pro Met Leu Asp Tyr Cys Phe Gly Phe Arg His Leu Leu Asn

7368

20

25

30

Arg

<210> 8303

<211> 36

<212> PRT

<213> Homo sapiens

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<221> SITE

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<222> (19)

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<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8303

Arg Val Asp Pro Arg Xaa Pro Ala Glu Leu Ile Cys Lys Xaa Leu Arg

1

5

10

15

Asn Lys Xaa Tyr Glu Gly Gly Asp Gly Cys Lys Thr Ile Gly Pro Gly

20

25

30

Arg Lys Arg Xaa

35

<210> 8304

<211> 34

<212> PRT

<213> Homo sapiens

<220>

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7369

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8304

Gly	Gly	Arg	Leu	Lys	Met	Ser	Ile	Ile	Ser	Gln	His	Xaa	Asn	Glu	Thr
1				5					10					15	

Trp	Cys	Pro	Xaa	Xaa	Pro	Glu	Asp	Leu	Xaa	Leu	Gln	His	Ala	Trp	Ala
			20					25					30		

Phe Xaa

<210> 8305

<211> 23

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7370

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8305

Leu	Glu	Cys	Xaa	Arg	Ser	Thr	Cys	Ser	Glu	Glu	Xaa	His	Ser	Asp	Ser
1				5					10					15	

Val	Glu	Glu	Glu	Ser	Gly	Xaa
				20		

<210> 8306

<211> 82

<212> PRT

<213> Homo sapiens

<220>

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<222> (14)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8306

Ile	Leu	Cys	Asp	Met	Ile	Phe	Trp	Ile	Tyr	Arg	Thr	Leu	Xaa	His	Val
1				5				10						15	

Pro	Cys	Ala	Ser	His	Ser	Ser	Glu	Val	Ile	Ile	Tyr	Thr	Glu	Gly	Phe
			20					25					30		

Gln	Asn	Ser	Thr	Arg	Ser	Gly	Asp	Ile	Xaa	Phe	Ile	Tyr	Ala	Leu	Tyr
		35				40						45			

Trp	Ile	Leu	Tyr	Cys	Xaa	Leu	Lys	Leu	Leu	Ser	Trp	Pro	His	Leu	Leu
		50				55					60				

Lys	His	Lys	Met	Phe	Tyr	Leu	Leu	Leu	Ile	Tyr	Asp	Ala	Ile	Lys	Ile
		65				70				75					80

His Gln

7371

<210> 8307

<211> 23

<212> PRT

<213> Homo sapiens

<220>

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<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8307

Leu	Pro	Xaa	Val	Leu	Met	His	Met	Trp	Thr	Ala	Leu	Lys	Xaa	Ala	Xaa
1				5					10					15	

Gly	Leu	Asn	His	Xaa	Asp	Leu
				20		

<210> 8308

<211> 130

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8308

Gly	Thr	Ala	Gly	Thr	Pro	Ala	Gly	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg
1				5					10					15	

7372

Leu Xaa Arg Pro Glu Gln Thr Ala Gln Arg Val Ser Ala Gln Cys Arg
 20 25 30

Gly Gly Gly Arg Lys Thr Gly Arg Val Lys Val Leu Glu Arg Glu Gly
 35 40 45

Gly Arg Glu Gly Lys Gly Leu Trp Gly Ala Thr Gly Val Arg Glu Thr
 50 55 60

Arg Glu Gly Arg Leu Ser Gly Gly Gly Ala Arg Arg Pro Ala Leu Arg
 65 70 75 80

Arg Arg Gln Ala Gly Pro Ser Ala Leu Leu Asp Ala Pro Ala Arg Thr
 85 90 95

Ala Pro Gly Gly Cys Ser Glu Ala Ser Leu Leu Glu Pro Thr Gln His
 100 105 110

Pro Ala Arg Pro Ser Phe Pro Arg Asn Ser Pro Gln Pro Asp Gln Ala
 115 120 125

Ser Trp
 130

<210> 8309

<211> 83

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8309

Gln Xaa Leu Gln Ile Gln Asn Val Gln Arg Lys Ser Pro Pro Cys Leu
 1 5 10 15

Pro Xaa Leu Pro Pro Leu Pro Ser Ala Asp Trp Gly Ser Val Xaa Pro

7373

[illegible]

<210> 8310

<211> 30

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

$\langle 220 \rangle$

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8310

Arg Tyr Pro Val Arg Asn Ser Arg Val Asp Pro Arg Val Arg Arg Leu
1 5 10 15

Ser Ala Ser Xaa Asp Xaa Arg Cys Cys Xaa Leu Thr His Thr
20 25 30

<210> 8311

<211> 82

<212> PRT

<213> Homo sapiens

<220>

7374

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<400> 8311

Ala	Gly	Ser	Pro	Xaa	Gly	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr
1				5				10					15		

Arg	Pro	Lys	Asp	Ser	Xaa	Asp	Asn	Ser	Gly	Gly	Asp	Pro	Pro	Ala	Gln
			20					25					30		

Met	His	Pro	Arg	Asp	Lys	Pro	Phe	Thr	Tyr	Arg	Tyr	Xaa	Gln	Ser	His
			35				40					45			

Ile	Glu	Thr	Pro	Thr	Trp	Thr	Gln	Gly	Met	Leu	Leu	Xaa	Arg	Leu	Asn
	50					55					60				

Asp	Met	Gln	Xaa	Val	Lys	Xaa	Tyr	Thr	Val	Tyr	Thr	Xaa	Pro	Gly	Lys
65					70					75					80

Arg Ser

7375

<210> 8312

<211> 80

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<222> (2)

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<400> 8312

Xaa	Xaa	Xaa	Gly	Xaa	Thr	Pro	Thr	Ile	Gly	Asn	Ala	Gly	Thr	Pro	Ala
1				5					10					15	

Gly	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr	Arg	Ser	Leu	Ile	Asp
				20				25						30	

7376

Ser Arg Pro Ile Ser Ala Asp Cys Asp Thr Ser Ala Thr Cys Lys Phe
 35 40 45

Tyr Thr Leu Glu Xaa Ile Phe Tyr Thr Asn Xaa Val His Leu Arg Cys
 50 55 60

Gly Leu Asn Ile Ser Thr Asn Asn Ile Gln Leu Gln Gln Lys Met Xaa
 65 70 75 80

<210> 8313

<211> 51

<212> PRT

<213> Homo sapiens

<220>

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<222> (9)

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<400> 8313

Ser Gly Ser Ser Thr Leu Phe Thr Xaa Lys Met Asp Ile Ile Ala Phe
 1 5 10 15

Asn Arg Arg Asn Gly Tyr Gly Leu Ser Lys Lys Asn Val Ser Met Thr
 20 25 30

Trp Cys Arg Leu Lys Lys Leu His Val Cys Glu Tyr Phe Ile Met Trp
 35 40 45

Asn Asp His
 50

<210> 8314

<211> 58

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

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7377

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<400> 8314

Leu	Glu	Xaa	Xaa	His	Tyr	Xaa	Val	Lys	Leu	Val	Arg	Leu	Gln	Val	Pro
1				5				10					15		

Val	Arg	Asn	Xaa	Arg	Val	Asp	Pro	Arg	Val	Pro	Arg	Pro	Thr	Phe	Ser
		20						25					30		

Arg	Xaa	Glu	Xaa	Thr	Met	Phe	Ser	Arg	Ala	Gly	Xaa	His	Trp	Ala	Xaa
		35						40					45		

Xaa	Val	Trp	Thr	Phe	Ala	Glu	Arg	Lys	Trp
		50						55	

7378

<210> 8315

<211> 57

<212> PRT

<213> Homo sapiens

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<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8315

Leu Leu Pro Val Xaa Ile Gln Xaa Ser Phe Glu Thr Phe Val Ser Xaa

1

5

10

15

7379

Arg Ile Leu Ile Xaa Pro Tyr Ala Ser Asn Thr Ala Leu Asn Ser His
 20 25 30

Gly Glu Tyr Val Gly Xaa Thr Xaa Thr Arg Phe Pro Ala Xaa Thr Thr
 35 40 45

His Thr Pro Thr His Leu Lys Xaa Lys
 50 55

<210> 8316

<211> 28

<212> PRT

<213> Homo sapiens

<220>

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<400> 8316

Ile Xaa Arg Arg Gln Ser Ser Phe Ile Arg Asn Lys Asn His Val Gly
 1 5 10 15

Arg Pro Thr Arg Gly Asn Ser Cys Leu Ile Xaa Xaa
 20 25

<210> 8317

<211> 13

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8317

7380

Ile Leu Ser Leu Ile Asn Lys Lys Lys Lys Gly Ala Xaa
 1 5 10

<210> 8318

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

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<222> (5)

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<221> SITE

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<400> 8318

Lys Asn Thr Xaa Xaa Lys Ser Pro Xaa Phe Leu Gly Lys Lys Thr Pro
 1 5 10 15

Ala Pro Trp Glu Thr Leu Ile Lys Gly Ala Gly Lys Arg Pro Trp Gly
 20 25 30

Val Asn

<210> 8319

<211> 89

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

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7381

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<400> 8319
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 1 5 10 15
 Gln Arg Leu Cys Lys Gly Val Ser Arg Ile Thr Trp Asn Leu Glu Asp
 20 25 30
 Thr Ser Trp Leu Ala Asn Cys Leu Cys Leu Leu Xaa Gly Thr Val Leu
 35 40 45
 Ser Leu His Cys Xaa Xaa Val Val Thr Ser Trp Gly Val Arg Phe Cys
 50 55 60
 Leu Xaa Gly Thr Tyr Phe Gly Arg Xaa Met Asp Pro Leu Pro Xaa Leu
 65 70 75 80
 Cys Ala Xaa Lys Glu Arg Cys Phe Xaa
 85

7382

<210> 8320

<211> 36

<212> PRT

<213> Homo sapiens

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<400> 8320

Ser	Pro	Arg	Ser	Tyr	Thr	Trp	Ala	Lys	Thr	Arg	Ile	Leu	Ile	Arg	Phe
1				5					10					15	

Xaa	Leu	Xaa	Pro	Trp	Lys	Leu	Asn	Gly	Thr	Asp	Pro	Asp	Xaa	Phe	His
			20					25					30		

Tyr	Asp	Trp	Ala
			35

<210> 8321

<211> 18

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8321

Val	Ala	His	Asp	Cys	Xaa	Ser	Met	Leu	Ser	Leu	Ser	Phe	Lys	Trp	Gly
1				5					10					15	

7383

Xaa Arg

<210> 8322

<211> 55

<212> PRT

<213> Homo sapiens

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7384

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<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8322

Ile	Asp	Ala	Xaa	Phe	Leu	Phe	Ser	Leu	Ala	Val	Asn	Lys	Ser	Ala	Pro
1				5				10					15		

Asn	Xaa	Lys	Xaa	Xaa	Lys	Arg	Ala	Xaa	Ala	Leu	Xaa	Asp	Pro	Ser	Leu
			20					25					30		

Arg	Thr	Xaa	Cys	Met	Xaa	Arg	His	Ser	Ser	Ser	Ile	Gly	Val	His	Leu
		35					40					45			

Asn	Ser	Ile	His	Trp	Ala	Xaa
	50					55

<210> 8323

<211> 17

<212> PRT

<213> Homo sapiens

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<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8323

Gly	Lys	Leu	Glu	Lys	Asn	Xaa	Ile	Phe	Lys	Leu	Trp	Xaa	Pro	Xaa	Thr
1				5					10				15		

Xaa

7385

<210> 8324

<211> 72

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8324

Thr	Asn	Asn	Lys	Gln	Arg	Glu	His	Trp	Val	Asp	Phe	Gln	Val	Leu	Asn
1				5					10					15	

Thr	Ser	Thr	Tyr	Gly	Ile	Met	Val	Asp	Trp	Val	Ser	Leu	Tyr	Ser	Thr
			20					25					30		

Xaa	Met	Val	Arg	Arg	Cys	Phe	Thr	Lys	Phe	Val	His	Gln	Thr	Pro	Val
		35					40					45			

Gln	Leu	Ser	Gln	Cys	Gly	Leu	Lys	Met	Gln	Leu	Xaa	Phe	Ile	Phe	Phe
	50					55					60				

Cys	Lys	Cys	Leu	Gly	Phe	Phe	Val
65					70		

<210> 8325

<211> 95

<212> PRT

<213> Homo sapiens

<400> 8325

Val	Lys	Ser	Asn	Gly	Thr	Gly	Ser	Gln	Leu	Pro	Trp	Pro	Thr	Arg	Ala
1				5					10					15	

Ala	Leu	Gly	Leu	Leu	Pro	Thr	Leu	Pro	Asp	Pro	Thr	Leu	Ala	Gln	Ala
			20					25					30		

Ala	Leu	Gly	Leu	His	Pro	Pro	Asn	Leu	Arg	Ala	Gly	Trp	Leu	Val	Pro
		35					40					45			

7386

Gln His Ile Arg Gln Ala Ser Gly Gln Gly Pro Leu Thr Cys Pro Ile
 50 55 60

Pro Ala Gly Lys Leu Gln Ser Ile Arg Ala Val Val Thr Gly Ser Leu
 65 70 75 80

Thr Ser Val Leu Cys Ser Arg Pro Gly Ile Leu His Trp Ala Leu
 85 90 95

<210> 8326

<211> 41

<212> PRT

<213> Homo sapiens

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<222> (2)

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<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8326

Arg Xaa Thr Gly Pro Glu Phe Pro Gly Arg Pro Thr Arg Pro Glu Lys
 1 5 10 15

Lys Asn Ile Leu Arg Met Lys Tyr Xaa Met Gly Arg Gly Tyr Lys Arg
 20 25 30

His Xaa Xaa Lys Pro Asn Leu Gln Pro
 35 40

<210> 8327

<211> 54

<212> PRT

7387

<213> Homo sapiens

<220>

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<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8327

Gly	Pro	Gly	Trp	Val	Thr	Cys	Pro	Leu	Trp	Thr	Cys	Phe	Phe	Asn	Trp
1				5					10					15	

Arg	Arg	Ser	Leu	Pro	Met	Leu	Thr	Phe	His	Cys	Arg	Lys	Met	Gly	Pro
			20					25					30		

Leu	Val	Ser	Leu	Tyr	Gln	Gly	Gln	Val	Pro	Leu	Cys	Gly	Gly	Gly	Lys
		35					40					45			

Ala	Xaa	Gly	Xaa	Leu	Ser
					50

<210> 8328

<211> 33

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8328

Phe	Thr	Ile	Thr	Met	Ala	Leu	Arg	Phe	Asp	Leu	Ser	Trp	Xaa	Leu	Val
1					5				10					15	

7388

Leu Xaa Met Val Xaa Arg Leu Leu Pro Leu Ala Asn Asn Trp Pro His
 20 25 30

His

<210> 8329

<211> 47

<212> PRT

<213> Homo sapiens

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8329

Met Pro Thr His Phe Arg Glu Ser Xaa Tyr Ala Cys Arg Tyr Arg Ser
 1 5 10 15

Gly Ile Pro Gly Phe Asp Pro Arg Phe Arg Gln Ser Asn Pro Leu Leu
 20 25 30

Xaa His Xaa Asp Thr Lys Ala Xaa His Gly Ala Gly Lys Pro Thr
 35 40 45

<210> 8330

<211> 35

<212> PRT

<213> Homo sapiens

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7389

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<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8330

Thr His Tyr Tyr Leu Xaa Ser Trp Pro Ala Cys Arg Tyr Arg Ser Gly
 1 5 10 15

Ile Pro Gly Ser Thr His Ala Phe Ala Glu Met Arg Val Leu Ala Tyr
 20 25 30

Arg Xaa Phe
 35

<210> 8331

<211> 69

<212> PRT

<213> Homo sapiens

<400> 8331

Ala Val Leu Ile Asp Gln Phe Leu Thr Leu Asp Cys Leu Leu Met Leu
 1 5 10 15

Tyr Pro Ser Pro Pro Gly Leu Leu His Pro His Cys Gly Ile Arg His
 20 25 30

Gln Pro His Asn Val Pro Asp Lys Ala Trp Lys Gly Val Asp Pro Asp
 35 40 45

Val Glu Trp Ser Asp Ser Leu Asp Val Tyr Ile Tyr Leu Cys Val Ser
 50 55 60

Pro Ser Phe Gln Ser
 65

<210> 8332

<211> 52

<212> PRT

<213> Homo sapiens

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7390

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<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8332

Gly	Xaa	Pro	Thr	Gly	Phe	Gly	Trp	Xaa	Gly	Pro	Ala	Trp	Trp	Gly	Leu
1				5					10					15	

Leu	Lys	Xaa	Pro	Leu	Thr	Gln	Pro	Leu	Phe	Xaa	Glu	Lys	Phe	Xaa	Pro
			20					25					30		

Trp	Trp	Gly	Xaa	Xaa	Gly	Trp	Ala	Leu	Pro	Leu	Gly	Xaa	Met	Pro	Pro
		35					40					45			

Met	Lys	Lys	Arg
		50	

7391

<210> 8333

<211> 103

<212> PRT

<213> Homo sapiens

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<400> 8333

Gly	Glu	Arg	Gly	Ala	Gly	Gly	Val	Leu	Gly	Gly	Leu	Leu	Ala	Pro	Gly
1				5					10					15	

Gly	Asn	Arg	Val	Leu	Leu	Arg	Ser	Thr	Gln	Val	Phe	Ile	Cys	Thr	Ser
			20					25					30		

Pro	Leu	Leu	Lys	Tyr	His	His	Cys	Val	Gly	Glu	Lys	Tyr	Arg	Trp	Val
		35					40					45			

Glu	Gln	His	Leu	Gly	Pro	Gln	Phe	Val	Xaa	Arg	Ile	Ile	Leu	Thr	Arg
	50					55					60				

Asp	Lys	Thr	Val	Val	Leu	Gly	Asp	Leu	Leu	Ile	Asp	Asp	Xaa	Asp	Thr
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Ser Xaa Arg Xaa Arg Gly Gly Gly

7393

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55

<210> 8335
<211> 65
<212> PRT
<213> Homo sapiens

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<400> 8335
Cys Gln Xaa Gly Leu Gly Met Met Thr Val Gly Xaa Glu Ile His Arg

7394

1 5 10 15
 Thr Asp Ser Ser Pro Gln Cys Thr Xaa Ile Xaa Val Ala Xaa Arg Cys
 20 25 30
 Cys Cys Thr Trp Xaa Arg Xaa Leu Ile Xaa Glu Pro Ser Ala Val Thr
 35 40 45
 Ser His Leu Tyr Ala Thr Glu His Ile Met Ser Gln Glu Gly Phe Gly
 50 55 60
 Gly
 65

<210> 8336

<211> 54

<212> PRT

<213> Homo sapiens

<220>

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<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8336

Leu Gly Asp Tyr Lys Val Leu Asn Val Leu Val Thr Ile Ser Gln Tyr
 1 5 10 15

Thr Ser Arg Lys Arg Phe Arg Phe Leu Phe Leu Lys Tyr Phe His Phe
 20 25 30

Phe Leu Glu Xaa Tyr Ile Arg Leu Phe Thr Arg Thr Cys Leu Ala Tyr
 35 40 45

Xaa Arg Gly Tyr Ile Leu
 50

<210> 8337

<211> 61

<212> PRT

<213> Homo sapiens

7395

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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (61)
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<400> 8337
 Ser Ala Ala Cys Thr Pro Ala Ala Tyr Ile Phe Leu Ala Thr Lys Leu
 1 5 10 15
 Pro Ala Thr Gly Ser Ala Xaa Pro Met Ser Trp Ser Val Ile Thr Glu
 20 25 30
 Gln Leu His Ser Trp Leu Trp Met Leu Ser Ala Asp Asn Leu Ala Glu
 35 40 45
 Asp Leu Tyr His Ile Leu Ser Thr Arg Xaa Xaa Leu Xaa
 50 55 60

<210> 8338
 <211> 74
 <212> PRT
 <213> Homo sapiens

<220>
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7396

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 <222> (67)
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 <400> 8338
 Tyr Leu Pro Ser Gln Thr Leu Cys Ser Phe His Phe Arg Val Leu Ala
 1 5 10 15
 Ala Cys Gly Leu Xaa Gln Val Ala Cys Arg Xaa Ala Lys Gly Ser Asn
 20 25 30
 Xaa His Thr Met Leu Ser Arg Met Val Leu Gly Leu Glu Ala Gln Leu
 35 40 45
 Val Gly Glu Ile Pro Xaa Glu Pro Thr Xaa Xaa Asn Val Val Xaa Leu
 50 55 60
 Arg Leu Xaa Leu Arg Glu Arg Phe Trp Gly
 65 70

 <210> 8339
 <211> 34
 <212> PRT
 <213> Homo sapiens

7398

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8340

Trp	Gln	His	Thr	Gly	Thr	Leu	Ile	Arg	Lys	Thr	Trp	Ala	Arg	His	Arg
1					5				10					15	

Gln	Lys	Ser	Leu	Phe	Ile	His	Pro	Cys	Gln	Arg	Val	Xaa	Phe	Arg	Arg
			20					25					30		

Xaa	Glu	Met	Met	Asp	Tyr	Gln	His	Leu	Xaa	Pro	Thr	Thr	Gln	Ile	Xaa
		35						40					45		

Xaa

<210> 8341

<211> 24

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (7)

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<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8341

Phe	Trp	Glu	Lys	Ala	Pro	Xaa	Phe	Leu	Gly	Gly	Lys	Lys	Ser	Pro	Gly
1				5					10					15	

Thr	Cys	Lys	Arg	Xaa	Phe	Phe	Xaa
				20			

7399

<210> 8342

<211> 33

<212> PRT

<213> Homo sapiens

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<222> (12)

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<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8342

Arg	Ser	Leu	Tyr	Gln	Phe	Val	Ser	Ile	Asn	Val	Xaa	Xaa	Tyr	Gln	His
1					5				10					15	

Phe	Ala	Lys	Thr	Val	Xaa	Gly	Thr	Arg	Phe	Xaa	Ser	Glu	Ser	Xaa	Leu
			20					25					30		

His

<210> 8343

<211> 23

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

7400

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<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8343

Ala Gln Gly Leu Leu Leu Pro Ser Pro Pro Pro Pro Val Ile Ser Phe
1 5 10 15

Xaa Xaa Phe Phe Lys Xaa Arg
20

<210> 8344

<211> 17

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8344

Arg Phe Leu Xaa Pro Thr Val Val Gly Xaa Gly Ser Arg Val Ala Gly
1 5 10 15

Cys

<210> 8345

<211> 53

<212> PRT

<213> Homo sapiens

<220>

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7401

<222> (2)

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<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (51)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8345

Asn Xaa Xaa Xaa Trp Gly His Glu Ile Tyr Gly Xaa Ile Asn Tyr Arg

1

5

10

15

Thr Gln Tyr Ser Lys Asn Lys Val Leu Leu Arg Phe Leu Pro Asp Ser

20

25

30

Pro Trp Gly Thr His Arg Cys Ile Leu Pro Ala Ser His Pro Ser Arg

35

40

45

Glu Asn Xaa Leu Xaa

50

<210> 8346

<211> 59

<212> PRT

<213> Homo sapiens

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<222> (38)

7402

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<222> (51)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (53)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (59)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8346

Ile	Leu	His	Ser	Phe	Thr	Ile	Asn	Gly	Leu	Asp	Phe	Lys	Thr	Gln	Lys
1					5				10					15	

Pro	Lys	Asn	Lys	Met	Lys	Leu	Asp	Asn	Phe	Arg	Phe	Cys	Val	Val	Cys
			20					25					30		

Thr	Ser	Met	Cys	Thr	Xaa	Cys	Lys	Leu	Ser	Phe	Ile	Gly	Leu	Leu	Asn
			35				40					45			

Arg	Ile	Xaa	Lys	Xaa	Lys	Phe	Asn	Ser	Xaa	Xaa
			50				55			

<210> 8347

<211> 38

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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7403

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8347

Arg Xaa Gln Lys Gly His Gly Ile Asn Gly His Pro Thr Arg Asp Lys

1

5

10

15

His Arg Asp Thr Gln Gly Lys Xaa Xaa Thr Gln Arg Asp Thr Glu Xaa

20

25

30

Xaa Thr Gly Arg Xaa Thr

35

<210> 8348

<211> 13

<212> PRT

<213> Homo sapiens

<220>

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<400> 8348

Asp Gly Ser Asn Leu Asp Leu Glu Xaa Ser Tyr Ile Lys

1

5

10

<210> 8349

<211> 29

7404

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8349

Leu	Phe	Leu	Ser	Gly	Gly	Gln	Gly	Leu	Gly	Ser	Gly	Leu	Ser	Leu	Ser
1					5				10					15	

Gly	Leu	Xaa	Asp	Pro	Arg	Val	Glu	Ser	Xaa	Xaa	Xaa	Ala
			20					25				

<210> 8350

<211> 32

<212> PRT

<213> Homo sapiens

<220>

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7405

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8350

Arg	Tyr	Arg	Ser	Gly	Ile	Pro	Gly	Xaa	Thr	His	Ala	Ser	Xaa	Lys	Ala
1				5				10						15	

Ser	Ser	Cys	Cys	Gly	Xaa	Glu	Xaa	Val	Xaa	Leu	Met	Thr	Asn	Gly	Glu
			20					25					30		

<210> 8351

<211> 17

<212> PRT

<213> Homo sapiens

<220>

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<222> (7)

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<220>

<221> SITE

<222> (14)

7406

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8351

Gly	Val	Ala	Phe	Thr	Xaa	Xaa	Ala	Asp	Xaa	Val	Glu	Xaa	Xaa	Val	Lys
1				5				10						15	

Ser

<210> 8352

<211> 79

<212> PRT

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7407

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<222> (72)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8352

Xaa Xaa Tyr Asn Arg Glu Ser Trp Tyr Ala Cys Arg Tyr Arg Ser Gly
1 5 10 15

Ile Pro Gly Ser Thr His Ala Ser Ala Pro Pro Met Gln Ala Thr Ser
20 25 30

Pro Pro Ser Ser Leu Asn Val Xaa Pro Ser Pro Pro Ser Lys Gly Asn
35 40 45

Ile Pro Tyr Pro Leu Xaa Xaa Glu Ile Val Leu Ser Asn Ser Pro Xaa
50 55 60

Cys Trp Leu Pro Pro Xaa Lys Xaa Trp Gly Arg His Pro Ala Trp
65 70 75

<210> 8353

<211> 43

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<213> Homo sapiens

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<220>

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7408

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8353

Ser	Gly	Gly	Ser	Thr	Phe	Lys	Ser	Ser	Phe	Lys	His	Xaa	Ile	Phe	Xaa
1				5				10					15		

Val	Xaa	Xaa	Phe	Asn	Leu	Ile	Asp	Arg	Arg	Glu	Leu	Ala	Pro	Leu	Gln
			20				25						30		

Glu	Leu	Ile	Glu	Lys	Leu	Thr	Ser	Xaa	Asp	Arg
		35				40				

<210> 8354

<211> 74

<212> PRT

<213> Homo sapiens

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<222> (30)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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7409

<222> (66)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8354

Val Xaa Gln Xaa Ser Gln Asp Leu Ser Leu Gln Glu Ala Glu Thr Glu

1

5

10

15

Gln Ser Asp Thr Leu Asp Asn Lys Glu Ala Val Ile Leu Xaa Glu Lys

20

25

30

Pro Pro Ser Gly Arg Gln Thr Pro Gln Pro Leu Arg His Xaa Ser Tyr

35

40

45

Ile Leu Ala Val Asn Asp Gln Xaa Thr Xaa Ser Asp Thr Thr Cys Trp

50

55

60

Leu Xaa Asn Asp Ala Arg Gln Arg Ser Thr

65

70

<210> 8355

<211> 50

<212> PRT

<213> Homo sapiens

<220>

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

7410

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<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8355

Arg	Xaa	Lys	Xaa	Xaa	Arg	Xaa	Gln	Val	Pro	Val	Arg	Asn	Ser	Xaa	Val
1				5					10					15	

Asp	Pro	Arg	Val	Arg	Arg	Ser	Arg	Ala	Asp	Ala	Gly	Leu	Leu	Arg	Ala
			20					25					30		

Gly	Pro	Arg	Ala	Ser	Xaa	Pro	Xaa	Arg	Pro	Gly	Ser	Leu	His	Leu	Cys
			35				40					45			

Xaa	Ser
	50

<210> 8356

<211> 30

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8356

7411

Met Leu Asp Ile Ile Ile His Val Ser Gly Ile Glu Ile Glu Thr Glu
 1 5 10 15

Asn Lys Cys Phe Lys Val Phe Tyr Thr Xaa Lys Lys Xaa Xaa
 20 25 30

<210> 8357

<211> 32

<212> PRT

<213> Homo sapiens

<220>

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<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8357

Val Pro Val Arg Asn Ser Arg Val Asp Pro Arg Val Arg Asp Ile Xaa
 1 5 10 15

Gly Ala Ile Xaa Gln Pro Ala Xaa Thr Ile Ser Gln Xaa Asp Xaa Ile
 20 25 30

<210> 8358

7412

<211> 45

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8358

Asp	Xaa	Asn	Glu	Lys	Asn	Xaa	Ala	Phe	Leu	Gln	Arg	Leu	Asn	Leu	Arg
1					5				10				15		

Ser	Arg	Xaa	Ser	Leu	Ser	Xaa	Xaa	Asn	Leu	Gly	Thr	Thr	Leu	Gly	Cys
			20					25					30		

Asn	Leu	Gln	Lys	Thr	Phe	Gly	Phe	Gly	Gly	Trp	Xaa	Thr
			35				40					45

<210> 8359

<211> 92

<212> PRT

<213> Homo sapiens

7413

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<222> (10)
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7414

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (80)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8359

Gly Xaa Cys Thr Gly Xaa Ser Pro Cys Xaa Tyr Ser Xaa Arg Asn Ser

1

5

10

15

Arg Val Asp Pro Arg Val Arg Arg Ser Glu Ile Leu Phe Trp Ile Arg

20

25

30

Gln Met Cys Leu Leu Ala Cys Pro Glu Gly Glu Lys Xaa Ala Cys Xaa

35

40

45

Gln Ala Phe Xaa Arg Lys Leu Val Gly Ser Trp Pro Lys Asp Glu Asp

50

55

60

Tyr Cys Xaa Arg Pro Xaa Ile Asn Xaa Ile Xaa Gly Lys Asp Tyr Xaa

65

70

75

80

Thr Cys Gly Leu Lys Met Lys Gly Thr Phe Leu Gln

85

90

<210> 8360

<211> 63

<212> PRT

<213> Homo sapiens

<220>

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<222> (33)

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<220>

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<222> (41)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7415

<221> SITE

<222> (61)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8360

Tyr Gly Ile Asp Val Thr Leu Tyr Leu Gln Asn Ile Leu Phe Leu Ser
1 5 10 15

Leu Pro Gln Glu Lys Lys Gln Phe Tyr Phe Tyr Gly Thr Arg Leu Asp
20 25 30

Xaa Thr Phe Leu Ile Asn Tyr Met Xaa Val Tyr Ser Thr Phe Lys Ile
35 40 45

Ala Met Glu Lys Phe Asn Tyr Phe Gln Gln Xaa Leu Xaa Leu Ser
50 55 60

<210> 8361

<211> 92

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (88)

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<221> SITE

<222> (89)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (91)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8361

Xaa Leu Ala Arg Leu Xaa Val Pro Val Arg Asn Ser Arg Val Asp Pro

7416

1	5	10	15
Arg Val Arg Pro Arg Ser Ser Ser Gly Ser Pro Leu Val Thr Arg Val			
	20	25	30
Pro Arg Ala Ser Pro Ala Pro Glu Gly Pro Ala Ser Gly His Gly Ala			
	35	40	45
Leu Pro Gly Gly Ala Gly Leu Arg Ala Gly His Glu Arg Gly Ala Ala			
	50	55	60
Ala Arg Pro Arg Ala His Gly Gly Arg Ser Ala Ala Arg Pro Gly Thr			
	65	70	75
Leu Gly Gln Pro Arg Gly Gly Xaa Xaa Glu Xaa Gly			
	85	90	

<210> 8362

<211> 27

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8362

Xaa Ser Ser Tyr Xaa Ser Ile His Ile Asn Ile Ser Val Leu Thr Cys
1 5 10 15

Lys Lys Met Xaa Arg Tyr His Thr Tyr Ile Leu
20 25

<210> 8363

<211> 48

<212> PRT

7417

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<400> 8363

Cys	Arg	Glu	Tyr	Xaa	Glu	Glu	Xaa	Lys	Arg	Asp	Cys	Trp	Arg	Thr	Val
1					5				10					15	

Thr	Arg	Val	Ser	Ser	Ile	Thr	Ser	Leu	Ser	Tyr	Ile	Ile	His	Xaa	Ser
			20					25					30		

Ile	Ser	Leu	Ala	His	Gly	Ser	Arg	Pro	Xaa	Cys	Xaa	Val	Cys	Xaa	Asp
		35						40				45			

<210> 8364

<211> 32

<212> PRT

<213> Homo sapiens

7418

<220>

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8364

Ser	Leu	Thr	Gly	Met	Xaa	Ser	Ala	Ser	Ser	Leu	Glu	Leu	Asn	Ala	Ala
1				5				10					15		

His	Ala	Glu	Lys	Asn	Asn	Xaa	Tyr	Xaa	Phe	Xaa	Trp	Val	Leu	Ala	Leu
			20				25						30		

<210> 8365

<211> 40

<212> PRT

<213> Homo sapiens

<220>

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<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8365

Met	Ser	Asp	Asn	Leu	Glu	Met	Ile	Ala	Tyr	Leu	Lys	Arg	Tyr	Arg	Lys
1				5				10					15		

7419

Asp His Leu Asn Ile Trp Lys Asn Glu Ile Arg Val Lys Leu Asn Lys
 20 25 30

Xaa Leu Leu Thr Xaa Leu Lys Lys
 35 40

<210> 8366

<211> 82

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8366

Ser Ser Leu Lys Thr Phe Thr Ile Phe Glu Arg Trp Xaa Pro Ala Gly
 1 5 10 15

Thr Gly Pro Glu Phe Pro Gly Arg Pro Thr Arg Pro Met Val Ser Phe
 20 25 30

Phe Leu Gln Arg Asn Leu Ile Phe His Phe Asn Leu Ser Leu Ala Tyr
 35 40 45

Ser Ser Gln Trp Gly Leu Leu Lys Asn Ser Phe Pro Ser Tyr Ser Pro
 50 55 60

Phe Glu Leu Lys Val Gln Lys Lys Lys Ile Leu Leu Lys Cys Cys Asp
 65 70 75 80

Gln Ile

<210> 8367

<211> 17

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7420

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8367

Ala Gln Gly Leu Leu Leu Pro Ser Pro Pro Pro Pro Val Ile Xaa Xaa

1

5

10

15

Xaa

<210> 8368

<211> 88

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8368

Xaa Ser Pro Gly Pro Ile Leu Ile Arg Arg Gly Val Cys Gln Ala Ala

1

5

10

15

Gln Val Ser Leu Pro Pro Pro Gly His Pro His Gln Val Ala Ser His

20

25

30

Arg Leu Gln Glu Arg Lys Thr Arg Trp Ser Arg Phe His Ser Ala Leu

35

40

45

Ala Ala Ala Ser Arg Phe Ile Cys Thr Ser Leu Ser Met Arg Ala Cys

50

55

60

Glu Leu Pro Gly Arg Ala Glu Phe Lys Lys Met Lys Tyr Cys Met Arg

65

70

75

80

Arg Ala Ser Leu Leu Lys Arg Val

85

<210> 8369

<211> 59

7421

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (59)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8369

Leu	Val	His	Arg	Glu	Ser	Ser	Tyr	Tyr	Ile	Glu	Xaa	Trp	Tyr	Pro	Cys
1					5				10					15	

Arg	Tyr	Arg	Ser	Gly	Ile	Pro	Gly	Ser	Thr	His	Ala	Ser	Glu	Xaa	Leu
			20					25					30		

Gln	Ser	Pro	Glu	Leu	Ile	Pro	Ile	Glu	Gly	Ala	Met	Ala	Phe	Lys	Ile
		35					40					45			

Lys	Met	Lys	Gly	Glu	Leu	Lys	Gln	Leu	Lys	Xaa
	50					55				

<210> 8370

<211> 32

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

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<220>

<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

7422

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8370

Glu	Gly	Xaa	Trp	Lys	Pro	Phe	Arg	Xaa	Xaa	Arg	Pro	Gly	Thr	Pro	Ala
1				5				10						15	

Gly	Thr	Arg	Ser	Gly	Ile	Xaa	Gly	Ser	Thr	His	Ala	Phe	Ala	Asn	Pro
			20					25						30	

<210> 8371

<211> 48

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8371

Arg	Xaa	Lys	Trp	Asn	Xaa	Gly	Thr	Thr	Leu	Lys	Ala	Gly	Thr	Pro	Ala
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7424

<221> SITE

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8373

Lys	Ile	Phe	Asn	Lys	Tyr	Phe	His	Arg	Thr	Glu	Leu	Thr	Thr	Gly	Ala
1				5					10					15	

Cys	Asn	Lys	Asn	Phe	Xaa	Thr	Gly	Ala	Gly	Lys	Thr	Xaa	Leu	Leu	Gly
			20					25					30		

Gly	Asn	Xaa	Pro	Ile	Trp	Lys	Gly	Leu	Pro	Phe	Met	Gly	Pro	Pro	Trp
		35					40					45			

Lys	Xaa	Trp	Glu	Val	Gly
	50				

<210> 8374

<211> 74

<212> PRT

<213> Homo sapiens

<220>

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<222> (57)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (63)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (68)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (71)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8374

Ala	Thr	Ile	Ser	Met	Ser	Pro	Arg	Asn	Gly	Pro	Asn	Pro	Glu	Ser	Ser
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7425

1 5 10 15
Pro Leu Asp Phe Met Asp His Gly Ala Asp His Leu Tyr Leu Val Leu
 20 25 30
Glu Leu Lys Asn Cys Ser Leu Cys Glu Asn Glu Pro Leu Asp Gln Ser
 35 40 45
Leu Leu Lys Gln Thr Asn Met Lys Xaa Lys Lys Lys Xaa Leu Xaa Lys
 50 55 60
Lys Lys Lys Xaa Lys Lys Xaa Lys Lys Lys
65 70

<210> 8375

<211> 78

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

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<222> (5)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (70)

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<222> (75)

<223> Xaa equals any of the naturally occurring L-amino acids

7426

<220>

<221> SITE

<222> (76)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8375

Arg	Ile	Asp	Xaa	Xaa	Gly	Thr	Pro	Thr	Ile	Gly	Met	Leu	Val	Arg	Leu
1				5					10					15	

Gln	Val	Pro	Val	Arg	Asn	Ser	Arg	Val	Asp	Pro	Arg	Val	Arg	Gly	Arg
			20					25					30		

Val	Gly	Glu	Tyr	Gly	Ile	Ser	Ser	Xaa	Asp	Gln	Lys	Gly	Glu	Thr	Ile
		35					40					45			

Lys	Thr	Arg	Tyr	Ile	Pro	Lys	Pro	Asn	Pro	Lys	Phe	Xaa	Phe	Lys	Phe
	50					55					60				

Phe	Ile	Ile	Phe	Gln	Xaa	Leu	Ser	His	Thr	Xaa	Xaa	Ile	Leu
65					70					75			

<210> 8376

<211> 14

<212> PRT

<213> Homo sapiens

<220>

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<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8376

Lys	Gly	Glu	Asp	Arg	Lys	Xaa	Lys	Xaa	Xaa	Met	Asn	Val	Xaa
1					5					10			

7427

<210> 8377

<211> 50

<212> PRT

<213> Homo sapiens

<400> 8377

Ile	Pro	Ala	Ala	Thr	Trp	Glu	Lys	Glu	Val	Ala	Gly	Pro	Gly	Glu	Lys
1				5				10						15	

Ala	Val	Met	Lys	Pro	Ile	His	Phe	Glu	Gly	Ser	Thr	Ile	Ser	Thr	Leu
			20					25					30		

Phe	Phe	Glu	Leu	Trp	Gln	Phe	Gln	Cys	Leu	Ser	Leu	Leu	Leu	Arg	Gly
		35					40					45			

Ile	Ser
	50

<210> 8378

<211> 21

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8378

Pro	Xaa	Thr	Ile	Xaa	His	Glu	Leu	Xaa	Ser	Leu	Gln	Asn	Gln	Glu	Gly
1				5					10					15	

7428

Ala Met Xaa Gly Ser
20

<210> 8379

<211> 17

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8379

Gly	Ser	Ser	Pro	Val	Lys	Gln	Ser	Tyr	Ile	Lys	Pro	Xaa	Xaa	Arg	Lys
1				5					10					15	

Gln

<210> 8380

<211> 57

<212> PRT

<213> Homo sapiens

<400> 8380

Gly	Leu	Lys	His	Ile	Val	Lys	Asp	Glu	Ser	Ser	Phe	Gly	Glu	Lys	Gly
1				5					10					15	

Ser	Pro	Val	Glu	Ser	Ser	Leu	Val	Ile	Ala	Cys	Gly	Ser	Lys	Phe	Ser
			20					25					30		

Ala	Ser	Phe	Thr	Val	Ala	Cys	Ile	Val	Val	Leu	Leu	Leu	Gly	His	Leu
		35					40					45			

Cys	Phe	Ile	Trp	Lys	Cys	Arg	Gln	Glu
		50			55			

<210> 8381

7429

<211> 75

<212> PRT

<213> Homo sapiens

<220>

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<222> (22)

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<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

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<222> (53)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (64)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8381

Asn Ala Gly Thr Pro Ala Gly Thr Gly Pro Glu Phe Pro Gly Arg Pro
1 5 10 15

Thr Arg Pro Ile Glu Xaa Ala Xaa Glu Thr Ser Ala Leu Thr Ser Leu
20 25 30

Arg Arg Gly Arg Asp Pro Glu Pro Leu Xaa Lys Ala Thr Arg Pro Asp
35 40 45

Val Leu Arg Arg Xaa Ser Pro Glu Thr Ser Gly Gln Arg Gln Ala Xaa
50 55 60

Xaa Gly Gly Glu Arg Gly Leu Gly Leu Arg Leu
65 70 75

7430

<210> 8382

<211> 48

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8382

Xaa	Arg	Ala	Xaa	Val	Arg	Asp	Xaa	Asn	Pro	Gln	Xaa	Ala	Lys	Thr	Ser
1				5					10					15	

Leu	Glu	Lys	His	Arg	Asp	Arg	Pro	Gly	Glu	Met	Gly	Arg	Arg	Tyr	Gly
			20					25						30	

Val	Arg	His	Leu	Leu	Gln	Lys	Lys	Pro	Ala	Phe	Ser	Xaa	Gln	Gly	Ala
			35					40					45		

<210> 8383

<211> 51

<212> PRT

<213> Homo sapiens

7431

<220>
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<222> (2)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (3)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (33)
<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (35)
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<220>
<221> SITE
<222> (49)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8383
Gly Xaa Xaa Val Arg Leu Gln Val Pro Val Arg Asn Ser Arg Val Asp
1 5 10 15
Pro Arg Val Arg Lys Val Ala Leu Phe Leu Leu Asp Leu Ala Glu Gly
20 25 30
Xaa Ala Xaa Gly Val Gly Glu Ile Lys Lys Asn Leu Lys Trp Xaa Lys
35 40 45
Xaa Glu Met
50

<210> 8384
<211> 85
<212> PRT
<213> Homo sapiens

<220>

7432

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (68)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8384

Asn	Leu	Xaa	Ser	Val	Phe	Lys	Glu	Ser	Gln	Asp	Pro	Ile	Met	Pro	Ser
1				5					10					15	

Phe	Phe	Ser	Ser	Leu	Leu	Ser	Leu	Phe	Leu	Thr	Leu	Pro	Lys	Lys	Tyr
			20					25					30		

Leu	Phe	Leu	Trp	Phe	Asn	Lys	Trp	Ser	Leu	Xaa	Tyr	Gly	Thr	Met	Thr
		35					40					45			

Lys	Ile	Pro	Ala	Thr	Cys	Phe	Leu	Leu	Tyr	Glu	Tyr	Met	Arg	Pro	Thr
	50					55					60				

Phe	Ile	His	Xaa	Ser	Ser	Met	Lys	Leu	Ser	Leu	His	Ser	Lys	His	Arg
65					70					75					80

Ala	Glu	Thr	Ser	Thr
				85

<210> 8385

<211> 21

<212> PRT

<213> Homo sapiens

<220>

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<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7433

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8385

Gly	Ser	Arg	Ser	Arg	Val	Ala	Ala	Leu	Phe	Phe	Trp	Xaa	Phe	Phe	Phe
1				5					10					15	

Xaa	Xaa	Ile	Lys	Arg
			20	

<210> 8386

<211> 18

<212> PRT

<213> Homo sapiens

<220>

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<222> (12)

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<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8386

Ala	Gln	Gly	Leu	Leu	Leu	Pro	Ser	Pro	Pro	Pro	Xaa	Gly	Met	Phe	Xaa
1				5					10					15	

Xaa	Tyr
-----	-----

<210> 8387

<211> 79

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (49)

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7434

<220>

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<222> (73)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (76)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8387

Lys Arg Arg Ala Asp Gly Ile Gln Leu Pro Lys Phe Val Ser Lys Ser
1 5 10 15

Cys Phe Met Glu Leu Arg Leu His Phe Val Cys Met Ala Leu Lys Asn
20 25 30

Arg Ile Gln Ile Ser Ala Phe Glu Lys Gly Glu Thr Leu Tyr Gln Leu
35 40 45

Xaa Leu Leu Lys Asn Gly Ile Ser Leu His Phe Glu Ile Val Asn Ser
50 55 60

Thr Leu Lys Tyr Ser Ala Thr Cys Xaa Lys Phe Xaa Ser Lys Leu
65 70 75

<210> 8388

<211> 46

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

7435

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8388

Leu Lys Val Ser Ser Phe Pro Pro Pro Pro Pro Pro Ser Gly Leu Xaa

1

5

10

15

Phe Leu Ser Tyr Leu Asp Ser Xaa Ala Ser Cys Leu Pro Xaa Ser Phe

20

25

30

Leu Glu Ala Arg Leu Leu Leu Trp Gly Arg Xaa Gly Trp Leu

35

40

45

<210> 8389

<211> 54

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8389

Xaa Tyr Xaa Val Val Gln Xaa Gly Gln Xaa Leu Glu Cys Phe Lys Ile

1

5

10

15

Ser Ile Leu Asp Phe Ser Leu Ala Phe Ile Asp Xaa Leu Gly Cys Gly

20

25

30

7436

His Cys Leu Lys Tyr Met Thr Val Ser Ser Gln Lys Pro Tyr Thr Leu
 35 40 45

Asn Phe Thr Lys Ile Ile
 50

<210> 8390

<211> 51

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

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<220>

<221> SITE

<222> (8)

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<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8390

Leu Val Xaa Val Leu Ser Tyr Xaa Asn Phe Lys Gly Lys His Leu Lys
 1 5 10 15

Ser Lys Ile Val Arg Ile Arg Xaa Ile Glu Val Glu Tyr His Xaa Arg
 20 25 30

Leu Asn Lys Ala Leu Val Xaa Met Lys Val Val Leu Phe Arg Arg Leu
 35 40 45

Arg Tyr Leu
 50

7437

<210> 8391

<211> 22

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (15)

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<220>

<221> SITE

<222> (18)

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<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8391

Glu Lys Arg Lys Arg Lys Gly Ile Asn Ser Ile Leu Ala Glu Xaa Ile

1

5

10

15

Tyr Xaa Leu Ile Xaa Xaa

20

<210> 8392

<211> 70

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (6)

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<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

7438

<220>

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<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (64)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8392

Ala	Trp	Gly	Thr	Gly	Xaa	Glu	Trp	Pro	Gly	Arg	Pro	Xaa	Arg	Thr	Lys
1				5					10					15	

Lys	Ile	Ile	Trp	Val	Asn	Lys	Xaa	Xaa	Tyr	Lys	Arg	Xaa	Lys	Asn	Leu
			20					25					30		

Arg	Thr	Arg	Cys	His	Lys	Tyr	Glu	Ile	Gly	Lys	Asn	Lys	Val	Thr	Arg
			35					40					45		

Lys	Trp	Val	Xaa	Lys	Asn	Leu	Xaa	Gly	Xaa	Val	Arg	Ser	Ile	Gln	Xaa
			50			55					60				

Trp	Lys	Gly	Lys	Asn	Leu
65				70	

7439

<210> 8393

<211> 24

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8393

Phe	Tyr	Thr	Thr	Ser	Phe	Pro	Phe	Leu	Gln	Val	Asn	Xaa	Phe	Thr	Asn
1				5				10						15	

His	Xaa	Gly	Tyr	Leu	Leu	Asn	Arg
				20			

<210> 8394

<211> 68

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

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<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

7440

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8394

Pro Phe Leu Thr Glu Asp Xaa His Trp Lys Leu Met Lys Gly Xaa Asn
1 5 10 15

Asn Gly Glu His His Phe Pro Ala Xaa Asp His Thr Ala Asn Ile Xaa
20 25 30

His Gly Xaa Xaa Xaa Tyr Leu Glu Ala Gln Arg Ser Pro Gly Val Ala
35 40 45

Lys Leu Gly Ser Pro Val Leu Thr Lys Leu Leu Thr Ala Ser Thr Pro
50 55 60

Cys Gln Ile Leu
65

<210> 8395

<211> 23

<212> PRT

<213> Homo sapiens

<220>

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<222> (18)

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<220>

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<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

7441

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8395

Ala Ser Thr Ala Arg Asn Gly Arg Met Arg Asp Gly Lys Lys Ala Ala

1

5

10

15

Gly Xaa Lys Gly Ile Xaa Xaa

20

<210> 8396

<211> 65

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (36)

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<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<400> 8396

Arg Gly Ala Ala Gly Ala Val Glu Pro Gly Thr Ala Glu Arg Arg Gly

1

5

10

15

Ala Gly Pro Arg Gly Gly Arg Leu Ala Ala Pro Arg Pro Arg Thr Ser

20

25

30

Thr Pro Arg Xaa Ala Cys Ala Xaa Xaa Cys Xaa Ala Cys Gly Ala Gly

35

40

45

Thr Arg Thr Arg Cys Trp Gly Trp Pro Gly Pro Cys Gly Pro Arg Asp

50

55

60

Gly

7442

65

<210> 8397

<211> 36

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (11)

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<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8397

Gly	Ile	Val	Gly	Gly	Ala	Pro	Gly	Gly	Leu	Xaa	Cys	Pro	Pro	Pro	Glu
1				5					10					15	

Leu	Gly	Ile	Ala	Ala	Asn	Xaa	Gly	Ser	Val	Pro	Gln	Leu	Lys	Thr	Ser
			20					25					30		

Ser	Gly	Met	Ser
		35	

<210> 8398

<211> 17

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

7443

<400> 8398

Ile Pro Xaa Ser Ile His Ala Ser Ala Met Ser Xaa Xaa Ile Val Ile
1 5 10 15

Asn

<210> 8399

<211> 17

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 8399

Lys Lys Asn Ser Cys Xaa Ile Ser Arg Phe Xaa Xaa Ile Arg Thr Leu
1 5 10 15

Tyr

<210> 8400

<211> 78

<212> PRT

<213> Homo sapiens

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7444

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8400

Pro	Gly	Arg	Xaa	Arg	Val	Arg	Glu	Ser	Ser	Pro	Cys	Thr	Val	Gly	Xaa
1				5				10						15	

Ser	Gln	Arg	Arg	Pro	Gly	Thr	Xaa	Thr	His	Trp	Gly	Ala	Ser	His	Gly
			20				25						30		

Ala	Ala	Arg	Gly	Ala	Arg	Leu	Gly	Gly	Gly	Pro	Glu	His	Leu	Leu	His
		35				40						45			

Leu	Tyr	Ser	Gly	Trp	Ile	Phe	Lys	Xaa	Asp	Leu	Val	Val	Ala	Val	Ser
	50					55					60				

Leu	Ser	Tyr	Gln	Glu	Ala	His	Asp	Ile	Arg	Leu	Ser	Leu	Trp
65					70					75			

<210> 8401

<211> 36

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<220>

7445

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8401

Pro	Xaa	Ala	Ile	Arg	Ala	Phe	Xaa	Ser	Xaa	Ser	Phe	Leu	Ile	Xaa	Ser
1				5				10					15		

Met	Cys	Met	Arg	Leu	Phe	Ile	Pro	Lys	Asp	Met	Lys	Glu	His	Asn	Val
			20					25					30		

Thr	Thr	Arg	Leu
			35

<210> 8402

<211> 61

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8402

Ile	His	Lys	Met	Thr	Met	Lys	Lys	Ile	Ile	Cys	Tyr	Gly	Ile	Leu	Ala
1				5				10					15		

Thr	Val	His	Ile	Phe	His	Asn	Gln	Ile	Ser	Ser	Thr	Gly	Leu	Asn	Leu
			20					25					30		

Met	Phe	Phe	Asn	Phe	Tyr	Ser	Leu	Arg	Cys	Phe	Glu	Ala	Ile	Arg	Ile
			35					40				45			

Cys	Val	Phe	Thr	Val	Leu	Xaa	Gly	Leu	Ile	Pro	Xaa	Val
			50				55				60	

<210> 8403

<211> 47

<212> PRT

<213> Homo sapiens

7446

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<400> 8403
 Arg Val Ser Pro Gly Lys Ile Ser Pro Gly Gly Phe Arg Thr Pro Xaa
 1 5 10 15
 Arg Pro Phe Pro Xaa Xaa Leu Gly Leu Gly Phe Lys Leu Lys Arg Phe
 20 25 30
 Phe Phe Gln Xaa Ser Trp Ala Lys Lys Lys Lys Lys Xaa Phe Xaa
 35 40 45

<210> 8404
 <211> 77
 <212> PRT
 <213> Homo sapiens

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7447

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8404

Arg	Gln	Val	Ser	Xaa	Arg	Ser	Thr	Arg	Pro	Leu	Pro	Ser	Gly	Arg	Ala
1				5				10					15		

Arg	Leu	Gln	Val	Pro	Ala	Ala	Leu	Arg	His	Ala	Ser	Ser	Xaa	Gly	Leu
			20					25					30		

Ser	Asn	Lys	Xaa	Ala	Asp	Arg	Arg	Xaa	Leu	Gln	Arg	Leu	Ile	Pro	Trp
			35					40				45			

Xaa	Leu	Gln	Thr	Gln	Pro	Thr	Pro	Ser	Gly	Pro	Arg	Ala	Xaa	Arg	Leu
			50				55				60				

Leu	Pro	Ala	Val	Gly	Gly	Thr	Arg	Trp	Pro	Ala	Arg	Xaa
65						70					75	

<210> 8405

<211> 49

7448

<212> PRT

<213> Homo sapiens

<400> 8405

Gly Cys Pro Gly Gly Cys Pro Gln Val Gly Gly Ser Arg Gly Glu Lys

1

5

10

15

Met Val Ala Ile Phe Thr Leu Phe Cys Ile Val Phe Ile Asp Ser Gly

20

25

30

Asn Lys His Lys Ile Leu Asn Lys Met Thr Trp Lys Leu Pro Lys Lys

35

40

45

Lys

<210> 8406

<211> 50

<212> PRT

<213> Homo sapiens

<220>

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7449

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<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8406

Gly	Pro	Arg	Gly	Leu	Thr	Pro	Xaa	Gly	Ser	Pro	Arg	Gly	Lys	Xaa	Phe
1				5				10					15		

Xaa	Pro	Gly	Gly	Gly	Ser	Arg	Glu	Thr	Pro	Pro	Lys	Gly	Pro	Gly	Phe
		20						25					30		

Pro	Pro	Xaa	Lys	Thr	Leu	Phe	Thr	Phe	Gly	Gly	Xaa	Xaa	Xaa	Lys	Arg
		35					40					45			

Xaa	Ile
	50

<210> 8407

<211> 43

<212> PRT

<213> Homo sapiens

<220>

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7450

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<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8407

Xaa	Xaa	Trp	Lys	Ala	Gly	Xaa	Pro	Ala	Gly	Thr	Gly	Pro	Glu	Phe	Pro
1				5					10					15	

Gly	Arg	Pro	Thr	Arg	Ser	Arg	Val	Ser	Asn	Pro	Ala	Xaa	Met	Ala	Xaa
			20					25					30		

Glu	Glu	Glu	Asp	Ala	Xaa	Xaa	Tyr	Asn	Leu	Thr
		35					40			

<210> 8408

<211> 38

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8408

Leu	Tyr	Thr	Xaa	Lys	Arg	Phe	Leu	Thr	Phe	Ile	Leu	Thr	Leu	Asn	Gly
1				5					10					15	

Ser	Thr	Leu	Gly	Phe	Arg	His	Val	Asn	Phe	Cys	Xaa	Val	Leu	Asn	Leu
			20					25					30		

Ser	Arg	Val	Ala	Cys	Arg
-----	-----	-----	-----	-----	-----

7451

35

<210> 8409

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8409

Ile	Arg	Arg	Tyr	Ser	Leu	Lys	Cys	Ile	Asn	Val	Ser	Leu	Phe	Lys	Ser
1				5				10					15		

Glu	Ser	Leu	Leu	Met	Ile	Thr	Ile	Leu	Tyr	Xaa	Ala	Ile	Asn	Xaa	Ile
			20					25					30		

His

<210> 8410

<211> 33

<212> PRT

<213> Homo sapiens

<400> 8410

Gln	Val	Asn	Val	Val	Gln	Ile	Ser	Arg	Ser	Phe	Tyr	His	Leu	Lys	Lys
1			5					10					15		

Lys	Phe	Ser	Phe	Val	Val	Phe	Leu	Leu	Ser	Pro	Arg	Ser	Leu	Asn	Cys
			20					25					30		

Gly

<210> 8411

<211> 134

<212> PRT

7452

<213> Homo sapiens

<220>

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<400> 8411

Pro Gly Trp His Cys His Ser His Ser Ala Pro Gly Pro Arg Arg Asp
1 5 10 15

Ser Ala Trp Ser Leu Xaa Xaa Ala Gln Pro Ile Cys Val Cys Val Cys
20 25 30

Ala Cys Asp Ala Thr Ser Pro Pro Val Pro Leu Gln Gly Pro Arg Ile
35 40 45

7453

His Thr Ala Met His Ala His Thr Gly Pro Gly Pro Gly Pro Gln Ser
 50 55 60
 Ser Cys Leu Ser Trp Thr Leu Cys Lys His Phe Cys Ala Cys Trp Val
 65 70 75 80
 Gly Ala Arg Leu Lys Gly Pro Ala Pro Ser Leu Gln Asp Arg Xaa Pro
 85 90 95
 Gln Ala Gly Gln Gly Gly Ser Pro Trp Ile Xaa His Thr Asn Thr Thr
 100 105 110
 Arg Ala Arg Ala Thr His Ala Phe Xaa Xaa Leu Ile Leu His Xaa Thr
 115 120 125
 Pro Phe Pro Gly Xaa Ala
 130

<210> 8412

<211> 20

<212> PRT

<213> Homo sapiens

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<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8412

Arg Thr Arg Gly Val Cys Leu Lys Gly Leu Ser Phe Ile Xaa Asn Trp
 1 5 10 15

Xaa Xaa Asn Leu
 20

<210> 8413

7454

<211> 43

<212> PRT

<213> Homo sapiens

<220>

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<222> (23)

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<222> (30)

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<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8413

Leu	Val	Leu	Asp	Arg	Glu	Arg	Pro	Leu	Ala	Thr	Ser	Ser	Arg	Ser	Arg
1				5					10					15	

Ala	Ala	Ala	Arg	Asp	Leu	Xaa	Leu	Ala	Gly	Ala	Trp	Val	Xaa	Pro	Gly
			20					25					30		

Phe	Pro	Asp	Arg	Xaa	Xaa	Leu	Ala	Tyr	Gln	Leu
		35					40			

<210> 8414

<211> 136

<212> PRT

<213> Homo sapiens

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<220>

<221> SITE

<222> (122)

<223> Xaa equals any of the naturally occurring L-amino acids

7455

<400> 8414

Glu Leu Xaa Ala Glu Ala Glu Lys Met Arg Val Ser Gln Gln Glu Leu
 1 5 10 15
 Leu Ser Val Asp Glu Ser Val Tyr Thr Pro Asp Ser Asp Val Ala Ala
 20 25 30
 Pro Gln Ile Asn Arg Asn Leu Ile Gln Lys Ala Gly Tyr Leu Asn Leu
 35 40 45
 Arg Asn Trp Gln Met Arg Ala Met Cys Trp Arg Pro Thr Cys Lys Ala
 50 55 60
 Arg Gly Lys Gln Asn Arg Ala Gly His His His Leu Gly Glu Ala Leu
 65 70 75 80
 Phe Leu His Pro Arg Arg Glu Ser His Val Ser Ala Gln Gly Ser Arg
 85 90 95
 Gly Trp Arg Phe Asp Pro Gly Pro Gly Gln Leu Leu Ser Asp Gly Arg
 100 105 110
 Gly Leu Arg Arg Pro Ala Leu Leu Leu Xaa Asp His His Ala Gln Trp
 115 120 125
 Lys Ile Gly Asn Asn Pro Pro Gly
 130 135

<210> 8415

<211> 44

<212> PRT

<213> Homo sapiens

<220>

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<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8415

Ile Val Leu Ile Phe Val Trp Cys Thr Phe Thr Tyr Lys Arg Glu Asp
 1 5 10 15
 Lys Met Phe Trp Gly Ile Ile Thr Arg Gly Leu Ala Arg Ser Lys Leu
 20 25 30
 Val Ser Pro Leu Leu Pro Ser Ser Asn Phe Gly Xaa
 35 40

7456

<210> 8416

<211> 60

<212> PRT

<213> Homo sapiens

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<222> (42)

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<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8416

Gly	Asn	Cys	Gln	Gly	Arg	Glu	Arg	Ile	Phe	Arg	Xaa	Glu	Glu	Asp	Asp
1				5					10					15	

Ser	Leu	Trp	Ser	Ser	Thr	Arg	Leu	Ser	His	Leu	Asn	Phe	Leu	Phe	Thr
			20					25					30		

Leu	Xaa	Tyr	Xaa	Asn	Asp	Glu	Leu	Lys	Xaa	Gln	Ile	His	Lys	Xaa	Ser
		35					40					45			

Tyr	Asp	Ser	Gln	Leu	Pro	Xaa	Val	Ala	Phe	Asn	Ile
	50					55					60

7457

<210> 8417

<211> 18

<212> PRT

<213> Homo sapiens

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<220>

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<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8417

Glu Tyr Val Lys Lys Tyr Lys Gly Ser Xaa Ala Phe Xaa Xaa Leu His

1

5

10

15

Tyr Xaa

<210> 8418

<211> 47

<212> PRT

<213> Homo sapiens

<220>

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<220>

<221> SITE

<222> (38)

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7458

<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8418

Leu	Gln	Ile	Cys	Val	Thr	Val	Ile	Ser	Val	Tyr	Val	Leu	Ser	Leu	Xaa
1				5				10				15			

Met	Cys	Arg	Phe	Val	Ile	Gly	Arg	Tyr	Ile	Ser	Tyr	Leu	Leu	Cys	Phe
			20				25					30			

Ile	His	Ala	Ala	Cys	Xaa	Thr	Xaa	Leu	Tyr	Met	Val	Xaa	Thr	Glu
			35				40					45		

<210> 8419

<211> 31

<212> PRT

<213> Homo sapiens

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<222> (2)

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<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8419

Gly	Xaa	Lys	Val	Phe	Asn	Asp	Glu	His	Ile	Phe	Pro	Leu	Ser	Leu	Lys
1				5				10				15			

Cys	Leu	Ala	Phe	Glu	Trp	Tyr	Leu	Ser	Leu	Arg	Xaa	Lys	Xaa	Xaa
			20				25					30		

7459

<210> 8420

<211> 105

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (97)

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<400> 8420

Gly	Lys	Met	Gln	Lys	His	Ile	Tyr	Val	Leu	Ile	Ser	Leu	Trp	Ala	Leu
1				5					10					15	

Phe	Lys	Ala	Val	Leu	Arg	Gly	Arg	Gly	Tyr	Ser	Phe	Arg	Arg	Glu	Pro
			20					25					30		

Ala	Ser	Asp	Lys	His	Asn	Leu	Leu	Gly	Thr	Trp	Glu	Arg	Asn	Gln	Arg
		35					40					45			

Ala	Ala	Leu	Gln	Arg	Leu	Phe	Lys	Leu	Leu	Leu	Lys	Asn	Thr	Gln	Phe
	50					55					60				

Gly	Val	Leu	Gly	Phe	Phe	Ser	Phe	Ser	Leu	Arg	His	Ser	Thr	Ile	Leu
65					70					75					80

Ile	Phe	Val	Thr	Ala	Tyr	Leu	Cys	Glu	Lys	Gly	Tyr	Phe	Tyr	Leu	Ala
				85					90					95	

Xaa	Leu	Cys	Gln	Pro	Ile	Arg	Leu	Pro
		100					105	

<210> 8421

<211> 46

<212> PRT

<213> Homo sapiens

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<222> (21)

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<221> SITE

<222> (23)

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7460

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<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8421

Ile Thr Cys Ile Leu Leu Leu Val Ile Lys Leu Thr Ala Ile Ile Val

1

5

10

15

Asn Met Cys Leu Xaa Leu Xaa Val Lys Trp Lys Leu Leu Arg Ser Leu

20

25

30

Thr Val Xaa Glu Xaa Lys Cys Thr Gly Thr Asp Gly Asn Ile

35

40

45

<210> 8422

<211> 50

<212> PRT

<213> Homo sapiens

<220>

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7461

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<222> (35)

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<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8422

Xaa	Ser	Met	Phe	Asn	Xaa	Asn	Arg	Arg	Glu	Xaa	Arg	Ile	Trp	Leu	Val
1				5					10					15	

Xaa	Glu	His	Gln	Val	Val	Pro	Xaa	Ser	Asn	Cys	Met	Lys	Cys	Trp	Arg
			20						25					30	

Lys	Leu	Xaa	His	Cys	Xaa	Arg	Glu	Leu	Ala	Ser	Leu	Xaa	Ser	Ile	Ala
		35					40						45		

Pro	Gly
	50

<210> 8423

<211> 61

<212> PRT

<213> Homo sapiens

<400> 8423

Tyr	Ser	Val	Glu	His	Asn	Asp	Glu	Ser	Glu	His	Gln	Cys	Cys	Val	Pro
1				5					10					15	

Asp	Leu	Lys	Ala	Leu	Gly	Ala	Asn	Asn	Ser	Gly	Gly	Asp	Cys	Tyr	Gly
			20						25					30	

Phe	Cys	Ile	Lys	Val	Phe	Tyr	His	Val	Lys	Lys	Ile	Arg	Ile	Phe	Ser
		35					40						45		

Leu	Leu	Val	Val	Phe	Ile	Ile	Lys	Tyr	Val	Asp	Tyr	Leu
		50				55					60	

7462

<210> 8424

<211> 67

<212> PRT

<213> Homo sapiens

<400> 8424

His Ala Phe His Met Ser Thr Phe Leu Pro Cys Ser Ser Cys Ser Pro
1 5 10 15

Asn Leu Glu Gly Arg Leu Pro Leu Ala Lys Ser Ser Ser Gly Leu Glu
20 25 30

Asn Phe Leu Ser Val Thr Ser Phe Ile Glu Pro Ser Leu Ile Thr Pro
35 40 45

Ser Leu Ser Tyr Pro Ser Leu Pro Gln Pro Ser Met Tyr Lys Leu Leu
50 55 60

Leu Asp Ala
65

<210> 8425

<211> 67

<212> PRT

<213> Homo sapiens

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<222> (34)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8425

Asp Phe Ala Tyr Leu Pro Ser Gly Leu Ser Leu Glu Asn Gln Asp Phe
1 5 10 15

Ser Asp Leu Phe Leu Tyr Pro Gln Val Ser Leu Val Leu Met Ser Pro
20 25 30

Ser Xaa Ser Ser Ser Ile Pro Leu Xaa Phe Phe Ser Pro Ser Pro Met
35 40 45

Gly Ser His Ser Thr Leu Cys Tyr Pro Ser Asp Thr Tyr Asn Ile Cys
50 55 60

Xaa Asn Arg
65

<210> 8426

<211> 70

<212> PRT

<213> Homo sapiens

<400> 8426

Thr Val Cys Asn Cys Ser Phe Tyr Phe Phe Gly Thr Tyr Leu Thr Tyr
1 5 10 15

His Gly Val Asn Ile Met Asn Leu Leu His Ile Val Gln Lys Glu Pro
20 25 30

Gly Gly Phe Phe Cys Gln His Cys Asp Val Tyr Ser Phe Glu Asp Ser
35 40 45

Asn Cys Arg Trp Lys Asn Leu Cys Tyr Lys Ala Arg Cys Phe Pro Lys
50 55 60

Ser Asp Val Leu Val Lys
65 70

<210> 8427

<211> 160

<212> PRT

<213> Homo sapiens

<400> 8427

Pro Ile Leu Phe Trp Arg Lys Met Glu Thr Ile Ile Leu Ser Val Asp
1 5 10 15

Cys Gln Thr Ser Asn Ser Ile Asp Asn Val Leu Glu Lys Asp Pro Arg
20 25 30

Pro Lys Arg Asp Thr Asp Ile Thr Ser Glu Ser Asp Tyr Gly Asn Arg
35 40 45

Lys Glu Cys Asn Arg Lys Val Pro Arg Arg Ser Lys Ile Pro Tyr Asp
50 55 60

7464

Ala Lys Thr Ile Gln Thr Ile Lys His His Asn Lys Asn Tyr Asn Ser
65 70 75 80

Phe Val Ser Cys Asn Arg Lys Met Lys Pro Pro Tyr Leu Lys Glu Leu
85 90 95

Tyr Val Ser Ser Ser Leu Ala Asn Cys Pro Met Leu Gln Glu Ser Glu
100 105 110

Lys Pro Lys Thr Glu Ile Ile Lys Val Asp Gln Ser His Ser Glu Asp
115 120 125

Asn Thr Tyr Gln Ser Leu Val Glu Gln Leu Asp Gln Glu Arg Glu Lys
130 135 140

Arg Trp Arg Ala Glu Gln Ala Glu Asn Lys Leu Met Asp Tyr Ile Asp
145 150 155 160

<210> 8428

<211> 44

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8428

Tyr Val Asp Ile Pro Phe Arg Asn Ile Thr Ala Val Asn Tyr Met Arg
1 5 10 15

Leu Ala Ser Gln Met Leu Phe Gly Leu Lys Lys Leu Leu Gln Ser Gln
20 25 30

Val Asn Gly Ile Phe Leu Asn Pro Thr Phe Xaa Val
35 40

<210> 8429

<211> 23

<212> PRT

<213> Homo sapiens

7465

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8429

Cys	Phe	Tyr	Lys	Val	Glu	Gln	Ile	Glu	Phe	Arg	His	Ser	Gly	Lys	Ala
1				5				10						15	

Thr	Gly	Gly	Xaa	Xaa	Leu	Xaa
					20	

<210> 8430

<211> 47

<212> PRT

<213> Homo sapiens

<400> 8430

Ile	Leu	Asp	Ala	Thr	Phe	Asn	Leu	Ala	Val	Ile	Pro	Thr	Ala	Phe	Leu
1				5				10						15	

Phe	Gly	Ile	Leu	Thr	Ile	Ala	Leu	His	Ser	Glu	Phe	Leu	Leu	Arg	Gly
			20					25						30	

His	Tyr	His	Ser	Arg	Tyr	Tyr	Leu	Ala	Asn	Asn	Lys	Tyr	Arg	Asp
			35					40					45	

<210> 8431

<211> 53

<212> PRT

<213> Homo sapiens

<400> 8431

Lys	Tyr	Val	Phe	Phe	Phe	Val	Glu	Ser	Phe	Gly	Leu	Phe	Lys	Phe	Arg
1				5						10				15	

Phe	Cys	Leu	Arg	Thr	Val	Lys	Pro	Arg	Leu	Thr	Asp	Ser	Gly	Asn	Ser
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7466

20 25 30
Cys Leu Leu Val Thr His Lys Cys Thr Val Ile Cys Ser Leu Phe Leu
35 40 45
Asn Ile His Leu Leu
50

<210> 8432

<211> 45

<212> PRT

<213> Homo sapiens

<220>

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<222> (6)

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<222> (7)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7467

<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8432

Ala	Leu	Lys	Lys	Met	Xaa	Xaa	Lys	Asp	Phe	Gly	Thr	Lys	Val	Gly	Xaa
1				5					10					15	

Asn	Leu	Xaa	Glu	Lys	Thr	Leu	Glu	Lys	Lys	Glu	Gly	Xaa	Asn	Phe	Asn
			20					25					30		

Asn	Xaa	Xaa	Arg	Thr	Glu	Ser	Leu	Xaa	Leu	Ala	Gly	Gly
			35				40					45

<210> 8433

<211> 54

<212> PRT

<213> Homo sapiens

<220>

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<222> (12)

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<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

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<221> SITE

<222> (23)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

7468

<400> 8433

Thr Lys Asn Ile Tyr Tyr Tyr Leu Ser Ser Gln Xaa Met Pro Asn Phe
 1 5 10 15

Phe Xaa Ile Xaa Ser Asp Xaa Gln Leu Lys Cys His Val Ala Leu Gln
 20 25 30

Val His Cys Tyr Asn Asp Ser Ile Ser Arg Xaa Ala Cys Ser Xaa Ile
 35 40 45

Val Cys Val Ala Leu Ile
 50

<210> 8434

<211> 57

<212> PRT

<213> Homo sapiens

<400> 8434

Leu Lys Phe Leu His Val Arg Ile Leu Gln Ser Lys Asp Tyr Leu Tyr
 1 5 10 15

Leu Tyr Ile Phe Phe Ser Lys His Cys Phe Ser Phe Ile Ser Gln Ile
 20 25 30

Leu Thr Phe Cys Val Leu Ile Leu Ile Lys Phe Lys Leu Leu Ser Asn
 35 40 45

Ser Ser Phe Asp Phe Leu Ile Asp Thr
 50 55

<210> 8435

<211> 57

<212> PRT

<213> Homo sapiens

<400> 8435

Ala Leu Arg Gly Leu Val Ala Thr Leu Ala Ala Leu Gly Arg Gly Gln
 1 5 10 15

Cys Pro Met Trp Thr Lys Glu Ala Arg Pro Gly Gln Thr Pro His Ser
 20 25 30

Pro Glu Leu Thr Ala Cys Pro Lys Ser Lys His Leu Gly Gln Val Arg
 35 40 45

Leu Leu Asp Gln Asp Cys His Cys Gly

7469

50

55

<210> 8436

<211> 35

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

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<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8436

Met Ala Asn Xaa Thr Arg Pro Glu Asp Gly Ala Leu Lys His Gly Arg

1

5

10

15

Asn Xaa Gly Trp Leu Gln His Arg Val Thr Arg Tyr Xaa Thr Pro Tyr

20

25

30

Xaa Leu Thr

35

<210> 8437

<211> 28

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

7470

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<220>
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<222> (24)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (28)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8437
Glu Lys Asp Gln Arg Ile Leu Asn Ser Arg Ser Asp Arg Lys Arg Ser
1 5 10 15
Ile Ser Xaa Glu Xaa Xaa Ile Xaa Gln Lys Ile Xaa
20 25

<210> 8438
<211> 76
<212> PRT
<213> Homo sapiens

<220>
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<222> (27)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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7471

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (67)

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<220>

<221> SITE

<222> (75)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8438

Ile	Val	Ala	Arg	Leu	Gly	Gly	Ser	Phe	Ser	Pro	Lys	Ala	Glu	Glu	Ile
1				5					10					15	

Val	Gly	Phe	Gln	Gly	Pro	Ala	Gly	Ile	Ser	Xaa	Arg	Xaa	Cys	Gly	Glu
			20					25					30		

Ser	Ser	Ser	Leu	Pro	Gln	Pro	Xaa	Glu	Gly	Tyr	Asp	Arg	Xaa	Ser	Val
			35				40					45			

Asp	Ile	Thr	Ser	Leu	Xaa	Gln	Arg	Lys	Leu	Thr	Phe	Asp	Thr	His	Ala
	50					55					60				

Leu	Val	Xaa	Asp	Leu	Glu	Thr	His	Xaa	Ile	Xaa	Gln
65					70				75		

<210> 8439

<211> 41

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

7472

<220>
<221> SITE
<222> (4)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (14)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (41)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8439
Leu Arg Xaa Xaa Leu Ile Arg Leu Thr Ile Gly Lys Xaa Xaa Thr Pro
1 5 10 15
Ala Val Thr Gly Thr Lys Phe Pro Gly Arg Pro Thr Arg Pro Leu Asn
20 25 30
Lys Tyr Ser His Cys Gln Ser Pro Xaa
35 40

<210> 8440
<211> 47
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (2)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (3)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (22)
<223> Xaa equals any of the naturally occurring L-amino acids

7473

<220>
<221> SITE
<222> (23)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (29)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (43)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8440
Ala Xaa Xaa Tyr Arg Ser Gly Ile Pro Gly Ser Thr His Ala Ser Gly
1 5 10 15
Pro Gln Lys Arg Asp Xaa Xaa Gly Asn Val Ile Val Xaa Lys Ala Ser
20 25 30
Ala Ile Arg Arg Thr Leu Leu Cys Arg Arg Xaa Gly Ser Lys Ala
35 40 45

<210> 8441
<211> 76
<212> PRT
<213> Homo sapiens

<220>
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<222> (4)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (41)
<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (70)

7474

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8441

Glu Phe His Xaa Trp Ser Tyr Tyr Gly Ser Leu Gln Ala Trp His Ser
1 5 10 15

Pro Val Met Gln Ser Ala Leu Val Pro Gly Cys Gln Pro His Ser Ile
20 25 30

Pro Tyr Leu Gly Val Asn Gly Ala Xaa Phe Leu Leu Xaa Val Cys Ser
35 40 45

Pro Asp Ser Ser Leu Pro Pro Arg Ile Cys Phe Arg Glu Ser Gln Thr
50 55 60

Thr Glu His Cys Pro Xaa Ala Leu Ser Ile Thr Leu
65 70 75

<210> 8442

<211> 44

<212> PRT

<213> Homo sapiens

<220>

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<222> (7)

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<221> SITE

<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (16)

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7475

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8442

Met Thr Met Ile Thr Ala Xaa Xaa Asn Thr Xaa His Tyr Arg Glu Xaa

1

5

10

15

Trp Tyr Ser Val Xaa Val Pro Val Arg Asn Cys Arg Glu Arg Pro Thr

20

25

30

Arg Thr Ile Xaa Met Leu Leu Gly Met Leu Met Xaa

35

40

<210> 8443

<211> 43

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (20)

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<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8443

Gly Thr Pro Ala Gly Thr Gly Pro Glu Phe Pro Gly Arg Pro Thr Arg

1

5

10

15

Ser Glu Glu Xaa Cys Ala Xaa Thr Ser Thr His Ala Lys Arg Lys Gly

7476

20

25

30

Asp Xaa Ser Arg Cys Pro Xaa Gln Tyr Lys His
35 40

<210> 8444

<211> 39

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

$\langle 220 \rangle$

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8444

Xaa Asn Thr Thr Xaa Tyr Arg Glu Xaa Trp Tyr Ala Cys Arg Tyr Arg
1 5 10 15

7477

Ser Gly Ile Ser Arg Val Xaa Pro Arg Val Arg Gly Ile Phe Xaa Cys
 20 25 30

Tyr Phe Trp Xaa Tyr Phe Xaa
 35

<210> 8445

<211> 52

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (9)

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<222> (18)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8445

His Asn Asn Phe Thr Gln Glu Asn Xaa Tyr Asp His Asp Tyr Trp Gln
 1 5 10 15

Xaa Xaa Ile Arg Xaa Thr Ile Gly Lys Gly Gly Xaa Pro Ala Gly Thr
 20 25 30

Gly Pro Glu Phe Arg Gly Thr Thr His Ala Ser Ala Leu Asn Xaa Ser

7478

35

40

45

Arg Arg Leu Lys
50

<210> 8446

<211> 50

<212> PRT

<213> Homo sapiens

<220>

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<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (9)

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<222> (44)

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<220>

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<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

7479

<220>

<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8446

Tyr Asp His Asp Tyr Trp Gln Xaa Xaa Ile Arg Xaa Thr Ile Gly Lys
1 5 10 15

Gly Glu Thr Pro Xaa Gly Xaa Gly Pro Glu Phe Pro Asp Thr Thr Pro
20 25 30

Arg Val Arg Glu Ser Val Leu Ala Gln Arg Xaa Xaa Ala Xaa Gln Xaa
35 40 45

Gln Asp
50

<210> 8447

<211> 41

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

7480

<400> 8447

Thr Gly Met Thr Met Xaa Thr Ala Xaa Xaa Asn Thr Thr Xaa Tyr Arg
1 5 10 15

Glu Xaa Trp Asp Ala Cys Arg Asn Arg Ser Gly Ile Pro Gly Ser Thr
20 25 30

His Ala Thr Glu Ser Val Cys Ser Ile
35 40

<210> 8448

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8448

Lys Pro Lys Glu Ser Arg Ser Val Lys Val Arg Ser Gly Ile Pro Gly
1 5 10 15

Ser Xaa His Ala Ser Gly Val Ser Xaa Phe Lys Lys Met Xaa Phe Phe
20 25 30

Leu Lys

<210> 8449

<211> 64

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

7481

<222> (6)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8449

Thr	Thr	Leu	His	Arg	Xaa	Xaa	Xaa	Met	Thr	Met	Ile	Thr	Xaa	Ser	Ser
1				5				10						15	

Asn	Thr	Thr	His	Tyr	Arg	Glu	Xaa	Trp	Tyr	Ala	Cys	Arg	Tyr	Arg	Ala
			20					25					30		

Gly	Ile	Pro	Gly	Ser	Thr	His	Ala	Xaa	Val	Leu	Phe	Leu	Leu	Thr	Asn
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7482

35	40	45
Xaa Asn Ile Ser Lys Thr Lys Arg Val Phe Xaa Xaa Leu Lys His Lys		
50	55	60

<210> 8450

<211> 50

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<400> 8450

7483

Ala Leu Ile Arg Leu Xaa Ile Val Asp Cys Trp Xaa Ala Cys Xaa Tyr
 1 5 10 15
 Arg Ala Gly Ile Pro Gly Ser Thr His Ala Xaa Glu Leu Leu Ala Ala
 20 25 30
 Ile Tyr Xaa Lys Asn Ala Tyr Met His Ser Val Arg Lys Thr Leu Tyr
 35 40 45
 Xaa Xaa
 50

<210> 8451

<211> 61

<212> PRT

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<400> 8451

Thr Pro Xaa Gly Thr Gly Pro Glu Phe Pro Phe Xaa Pro Arg Val Arg
 1 5 10 15

Pro Arg Xaa Arg Ile Phe Ile Ala Tyr His Leu Ile Leu Cys Ala Arg
 20 25 30

7484

Glu Gly Met Ala Arg Ile Asn Met Pro Gln Tyr Pro His His Xaa Phe
35 40 45

Tyr Ser His Ser Cys Pro Xaa Phe Leu Trp His Ile Phe
50 55 60

<210> 8452

<211> 43

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<400> 8452

Ile Thr Xaa Ser Ser Xaa Thr Thr Gln Tyr Ser Asp Cys Trp Xaa Ala
1 5 10 15

7486

Gly Xaa Ile Leu Lys Ile Pro Ser Thr Leu Ser Xaa Lys Asp Phe Xaa
35 40 45

Asn Xaa Leu Lys Cys Xaa
50

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<211> 84

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<400> 8454

Gly	His	Val	Pro	Arg	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr	Arg	Xaa	Arg
1				5					10					15	

Thr	Arg	Gly	Ala	Leu	Phe	Arg	Tyr	Pro	Xaa	Tyr	Leu	Ser	Gly	Tyr	Xaa
			20					25					30		

Thr	Thr	Leu	Xaa	Leu	Gly	Pro	Leu	Xaa	Glu	Ser	Pro	Cys	Val	His	Ala
		35					40					45			

Thr	Pro	Pro	Leu	Ser	Leu	Pro	Gln	Asn	Leu	Thr	Xaa	Glu	Gly	Thr	Gly
	50					55					60				

Asn	Xaa	Gly	Ala	Xaa	Val	Ser	Xaa	Ile	Arg	Glu	Leu	Phe	Asn	Phe	Ser
65					70					75					80

Ser Cys Gln Gly

<210> 8455

<211> 38

<212> PRT

<213> Homo sapiens

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7488

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8455

Ser	Phe	Thr	Lys	Gly	Gly	Phe	Gln	Xaa	Ala	Glu	Ile	Leu	Xaa	Phe	Phe
1				5				10					15		

Leu	Cys	Ser	Gln	Met	Lys	Pro	Gly	Ala	Arg	Thr	Val	Xaa	Xaa	Trp	Tyr
			20					25					30		

Ile	Ala	Xaa	Leu	Ala	Leu
			35		

<210> 8456

<211> 69

<212> PRT

<213> Homo sapiens

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<220>

<221> SITE

<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8456

Thr	Lys	Glu	Leu	Asp	Ser	Xaa	Pro	Gly	Pro	Gly	Arg	Leu	Gly	Thr	Thr
1				5				10					15		

Leu	Ser	Gly	Met	Gln	Leu	Xaa	Leu	Xaa	His	Arg	Thr	Ser	Tyr	Xaa	Pro
		20					25					30			

Ser	Xaa	Glu	Xaa	Arg	Gly	Arg	Asn	Pro	Gly	Trp	Pro	His	Trp	Gln	Pro
	35						40					45			

Xaa	Xaa	Phe	Ser	Ser	Pro	Xaa	Pro	Gln	Lys	Xaa	Pro	Phe	Arg	His	Phe
	50					55					60				

Leu	Gly	Xaa	Lys	Ser
	65			

<210> 8457

<211> 41

<212> PRT

<213> Homo sapiens

7490

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<220>
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<400> 8457

Xaa	Xaa	Asp	Trp	Val	Ser	Leu	Val	Glu	Leu	Cys	Pro	Lys	Thr	Cys	Met
1				5					10					15	

Gly	Tyr	Asn	Leu	Xaa	Ser	Leu	Pro	Gln	Leu	Xaa	Tyr	Lys	Ala	Cys	Gly
			20					25					30		

His	Thr	Gln	Phe	Gln	Xaa	Ala	Tyr	Gln
		35					40	

<210> 8458
 <211> 97
 <212> PRT
 <213> Homo sapiens

<220>
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<400> 8458

Leu	Leu	Arg	Thr	Glu	Ala	Leu	Glu	Cys	Leu	Thr	Val	Gln	Pro	Gly	Ser
1					5				10					15	

7491

His Arg Asn Ile Pro Ile Gln Arg Gln Lys Ser Val Val Cys Thr Met
 20 25 30
 Leu Ser Gly Gln Ile Arg Gly Ser Phe Leu Leu Thr Pro Cys His Cys
 35 40 45
 Glu Leu Pro Lys Gln Asp Pro Leu Ser Gly Lys Pro Leu Asn Gly Leu
 50 55 60
 Gln Ser Ser Lys Trp Ser Gln Ala Gln Glu Glu Leu Pro Arg Val Ile
 65 70 75 80
 Gln Asn Ala Leu Trp Glu Ala Xaa Val Glu Asn Gln His Thr Gln Arg
 85 90 95

Leu

<210> 8459

<211> 46

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<220>

7492

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8459

Gly Thr Arg Ala Gly Ile Xaa Gly Ser Xaa His Ala Phe Gly Val Xaa
 1 5 10 15

Ser Ala Gly Arg Arg Xaa Ile Arg Lys Pro Ile Asp Arg Ile Ile Ala
 20 25 30

Arg His Asp Leu Xaa Gln Xaa Pro Leu Ser Ile Leu Leu Lys
 35 40 45

<210> 8460

<211> 63

<212> PRT

<213> Homo sapiens

<400> 8460

Asp Leu Lys Met Ile Ser Leu Ser Pro Leu Leu Arg Ser Phe Gln Gly
 1 5 10 15

Thr Thr Ile Arg Ala Leu His Pro Asn Thr Leu Ala Ser Phe Trp Ser
 20 25 30

Phe Cys Pro Gly Thr Glu Val Gln Leu Gly Asp Pro Ser His Thr Gly
 35 40 45

Glu Gly Val Ala Val Glu Pro Gln Thr Pro Trp Ser Pro Gln Glu
 50 55 60

<210> 8461

<211> 18

<212> PRT

<213> Homo sapiens

<220>

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<222> (10)

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<220>

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7493

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<220>
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<400> 8461
Val Arg Ser Arg Ile Phe Ser Ile Gly Xaa Lys Val Xaa Val Xaa Arg
1 5 10 15

Xaa Met

<210> 8462
<211> 21
<212> PRT
<213> Homo sapiens

<220>
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<222> (21)
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<400> 8462
Gln Leu Lys Ser Met Gly Asn Pro Xaa Ile Glu Ile Val Phe Ala Xaa
1 5 10 15

Lys Val Pro Phe Xaa
20

<210> 8463
<211> 33
<212> PRT

7494

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8463

Lys	Cys	Xaa	His	Phe	Leu	Lys	Ser	Xaa	Thr	Lys	Ala	Leu	Tyr	Phe	Leu
1				5				10					15		

Phe	Lys	Lys	Ser	Leu	Pro	His	Leu	Val	Lys	Ile	Phe	Ser	Tyr	Leu	Xaa
			20				25						30		

Ser

<210> 8464

<211> 36

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

7495

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8464

Glu	Phe	Ile	Val	Val	Tyr	Leu	Phe	Lys	Tyr	Leu	Thr	Phe	Lys	Phe	Leu
1				5					10					15	

Thr	Ile	Tyr	Phe	Ile	Leu	Xaa	Ser	Xaa	Val	Ala	Trp	Ile	Xaa	His	Ile
			20					25					30		

His Thr Xaa Lys

35

<210> 8465

<211> 46

<212> PRT

<213> Homo sapiens

<220>

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<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8465

Arg	Pro	Xaa	Ala	Ala	Ala	Trp	Thr	Gly	His	Xaa	Met	Xaa	Pro	Leu	Thr
1				5				10					15		

Ala	Ala	Arg	Ser	Ala	Met	Gln	Asp	Tyr	Xaa	Val	Ser	Pro	Ile	Gly	Asp
			20					25					30		

Pro	Trp	Arg	Thr	Met	Leu	Arg	Phe	Xaa	Leu	Xaa	Gly	Xaa	Xaa
		35					40					45	

<210> 8466

<211> 22

<212> PRT

<213> Homo sapiens

<220>

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<400> 8466

Thr	Ser	Ser	Arg	Ser	Arg	Ala	Ala	Ala	Leu	Phe	Phe	Pro	Phe	Tyr	Ile
1				5					10				15		

Phe	Leu	Xaa	Val	Tyr	Asp
			20		

<210> 8467

<211> 54

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8467

7497

Pro Phe Gln Pro Ala His Ala Val Glu Asp Lys Phe Thr Asp Leu Ala
1 5 10 15
Thr Asp Glu Phe Gln Thr Glu Gly Ile Arg Lys Thr Val Ser Ile Val
20 25 30
Ser Leu Glu Leu His Ser Xaa Phe Lys Ala Ser Ala Ile Arg Lys Asp
35 40 45
Asp Phe Tyr Leu Leu Gly
50

<210> 8468

<211> 24

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8468

Pro Xaa Val Arg Pro Arg Val Arg Phe Arg Arg Asn Thr Ser Lys Gly
1 5 10 15

Asp Xaa Thr Met Ile Phe Thr Xaa
20

<210> 8469

<211> 64

<212> PRT

<213> Homo sapiens

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<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8469

Gln	Pro	Ile	His	Thr	Arg	Ala	Xaa	Leu	Xaa	Xaa	Tyr	Thr	Xaa	Ala	His
1				5				10						15	

Tyr	Ser	Leu	Gln	Leu	His	Met	Leu	Tyr	Leu	Asp	His	Ser	Glu	Ala	Asn
		20						25					30		

Ser	Xaa	His	Tyr	Ile	Ile	Val	Ser	Ile	Asn	Ile	Ser	Asn	Xaa	Leu	Lys
		35						40				45			

Tyr	Thr	Ile	Xaa	Ile	Gln	Ala	Ser	Pro	Ile	Val	Pro	Gln	Met	Phe	Gly
		50				55						60			

<210> 8470

7499

<211> 52
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<213> Homo sapiens

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<222> (48)
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<400> 8470
Arg Tyr Cys Ile Ile Leu Arg Lys Cys Gly Tyr Leu Asp Val Tyr His
1 5 10 15
Thr Val Ser Leu Cys Leu His Thr Asn Leu Cys Lys Lys Cys Ile Leu
20 25 30
Val Cys Val Pro Gln Pro Ala Val Cys Phe Leu Xaa Val Leu Val Xaa
35 40 45
Phe Lys Tyr Lys
50

<210> 8471
<211> 66
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 8471

Val	Gly	Arg	Arg	Phe	Leu	Ile	Leu	Thr	Arg	Thr	Ser	Ser	Tyr	Val	Val
1				5				10						15	

Pro	Ser	Trp	Xaa	Ser	Pro	Gly	Gly	Pro	Gln	Lys	Ser	Leu	Ile	Ala	Gly
			20					25					30		

Xaa	Val	Cys	Ser	Ser	Val	Ser	Val	His	Ser	Phe	Gly	Val	Ala	Arg	Arg
		35						40					45		

Cys	His	Xaa	Leu	Cys	Xaa	Met	Met	Ala	Gly	Ala	Xaa	Ala	Thr	Xaa	Pro
		50				55					60				

Pro Gln

65

<210> 8472

<211> 36

<212> PRT

<213> Homo sapiens

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7501

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<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8472

Xaa Thr Xaa Ala Gly Thr Gly Pro Glu Phe Pro Gly Arg Pro Met Arg
1 5 10 15

Pro Val Ile Ser Val Ile Lys Lys Ile Thr Glu Pro Leu Lys Gly Ile
20 25 30

His Xaa Xaa Trp
35

<210> 8473

<211> 77

<212> PRT

<213> Homo sapiens

<400> 8473

His Val Glu Arg Ser Cys Pro Pro Gly Arg Gln Glu Ala Met Pro Thr
1 5 10 15

Ala Pro Gly Gln Ala Ser Ser Gln Lys Ala Leu Ser Ala Gly Leu Ala
20 25 30

Ala Ile Pro Val Leu Gly Gly Pro Arg Ala Arg Leu Pro Glu Val Arg
35 40 45

Trp Pro Glu Ser Trp Asp Ser Val Leu Gly Leu Leu Ala Ala Glu Gln
50 55 60

Ala Ala His Leu Thr Ser Val Val Ala Ser Phe Ser Arg
65 70 75

<210> 8474

<211> 69

<212> PRT

<213> Homo sapiens

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7502

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 <220>
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 <222> (67)
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 <400> 8474
 Gln Thr Pro Ala Val Val Ser Val Xaa Pro Xaa Ser Gly Leu Trp Pro
 1 5 10 15

 Xaa Leu Leu Val Leu Val Thr Pro Ser Leu Xaa Xaa Pro Pro Pro Trp
 20 25 30

 Tyr Val Tyr Ser Leu Gln Val Leu His Lys Ser Xaa Cys Leu Xaa Cys
 35 40 45

 Gly Glu Gly Arg Leu Leu Xaa Leu Gly Ser Val Asp Arg Lys Glu His
 50 55 60

7503

Thr Cys Xaa Cys Ile
65

<210> 8475

<211> 19

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8475

Arg	Glu	Gly	Gly	Lys	Val	Trp	Gly	Gly	Gly	Cys	Glu	Asn	Leu	Gly	Leu
1				5				10						15	

Ile Leu Xaa

<210> 8476

<211> 46

<212> PRT

<213> Homo sapiens

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8476

Trp	Xaa	Leu	Pro	Xaa	Met	Arg	Gly	Ile	Arg	Trp	Leu	Glu	Asp	Glu	Val
1				5				10						15	

Asp	Gly	Arg	Leu	Tyr	Ile	Ile	Phe	Thr	Pro	Leu	Cys	Pro	Phe	Asn	Phe
			20					25					30		

Lys	Leu	Arg	Asp	Val	Thr	Cys	Ser	Lys	Ser	Arg	Asp	Lys	Ile
			35				40					45	

7504

<210> 8477
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<400> 8477
Ala Xaa Asn Lys Arg Leu Lys Tyr Cys Asn Lys Thr
1 5 10

<210> 8478
<211> 52
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<400> 8478
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1 5 10 15

7505

Leu Cys Leu His Xaa Met Pro Ser Gly Thr Ile Trp Phe Ile Leu Val
 20 25 30

Gly Arg Ile Phe Ala Xaa Glu Lys Lys Ile Tyr Met Tyr Leu Ile Leu
 35 40 45

Ile Xaa Leu His
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<210> 8479

<211> 16

<212> PRT

<213> Homo sapiens

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<400> 8479

Val Xaa Arg Val Xaa Val Pro Ala Arg Ala Gly Val Val Xaa Ala Glu
 1 5 10 15

<210> 8480

<211> 74

<212> PRT

<213> Homo sapiens

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 <400> 8480
 Cys Gly Ser Trp His Asn Arg His Tyr Leu Ala Lys Asp Pro Ser Phe
 1 5 10 15

 Leu Phe Leu Tyr Phe Ala Gln Arg Pro Gly Arg Leu Xaa Xaa Lys Ala
 20 25 30

 Lys Ser Pro Gly Phe Pro Cys His Leu Ala Phe Lys Cys Ala Gln Pro
 35 40 45

 Met Thr Gly Trp Lys Glu Ile Asp Ser Xaa Gly Lys Arg Gly Xaa Ile
 50 55 60

 Cys Val Gln Glu Xaa Phe Xaa Phe Pro Xaa
 65 70

 <210> 8481
 <211> 30
 <212> PRT
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7507

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<400> 8481

Asn	Xaa	Ala	Asp	Met	Glu	Val	Leu	Xaa	Trp	Thr	His	Arg	Glu	Gly	Ala
1				5					10					15	

Val	Trp	Lys	Leu	Phe	Gly	Ser	Xaa	Xaa	Met	Met	Xaa	Val	Ala
			20					25					30

<210> 8482

<211> 42

<212> PRT

<213> Homo sapiens

<400> 8482

Ser	Arg	Ile	Ala	Leu	Ser	Lys	Trp	Leu	Pro	Ser	Ala	Glu	Asp	Arg	Phe
1				5					10					15	

Phe	Ser	Pro	Ile	Cys	Leu	Tyr	Val	Glu	Lys	Trp	Tyr	Arg	Ile	Gly	Thr
			20						25					30	

Val	Phe	Glu	Asp	Leu	Met	Tyr	Ile	Tyr	Lys
			35					40	

7508

<210> 8483

<211> 70

<212> PRT

<213> Homo sapiens

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<220>
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<400> 8483
 Gly Xaa Leu Val Arg Xaa Gln Val Pro Val Arg Asn Ser Arg Val Asp
 1 5 10 15
 Pro Arg Xaa Arg Thr Asn Xaa Gly Thr Val Lys Asp Ser Gln Xaa Xaa
 20 25 30
 Xaa Ser Arg Gln Glu Asn Phe Val Xaa Leu Leu Cys Val Asp Arg Leu
 35 40 45
 Xaa Ser Val Xaa Pro Met Glu Met Pro Thr Gly Leu Asp Ala Trp Arg
 50 55 60
 Leu Xaa Xaa Xaa Xaa Arg
 65 70

<210> 8484
 <211> 67
 <212> PRT
 <213> Homo sapiens

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7510

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<400> 8484

Trp	Ile	Leu	Phe	Leu	Ser	Trp	Ser	His	Phe	Val	Thr	Cys	Phe	Cys	Pro
1				5					10					15	

Arg	Glu	Pro	Gln	Gly	Ser	Glu	Ser	Cys	Ala	Pro	Gly	Gln	Gly	Leu	His
			20					25					30		

Leu	Pro	Ser	Xaa	Val	Pro	Pro	Trp	Ala	Pro	Gly	Ala	Ser	Gly	Ala	Val
		35					40					45			

Pro	Gly	Xaa	Ser	Xaa	Thr	Xaa	Xaa	Val	Thr	Ala	Glu	Pro	Leu	Pro	His
		50				55					60				

Pro	Ser	Leu
		65

<210> 8485

<211> 46

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8485

Ile	Leu	Met	Glu	Thr	Pro	Asp	Tyr	Arg	Val	Xaa	Trp	Asn	Ala	Pro	Gln
1				5					10					15	

Val	Pro	Val	Arg	Asn	Ser	Arg	Val	Asp	Pro	Arg	Xaa	Arg	Thr	Val	Xaa
			20					25					30		

Gly	Thr	Thr	Leu	Arg	Trp	Xaa	Xaa	Met	Lys	Thr	Arg	Arg	Thr
			35				40					45	

<210> 8486

<211> 84

<212> PRT

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<400> 8486

Met Xaa Leu Xaa Xaa Gly Gly Cys Gly Gly Pro Leu Arg Glu Gln Lys
 1 5 10 15

Pro Cys Met Ser Asp Arg Val Cys Gln Pro Tyr Pro Xaa Met Glu Leu
 20 25 30

Leu Pro Ala Thr Ser His Arg Gly Ile Ile Val Ala Gly Leu Leu Xaa
 35 40 45

Cys Ile Thr Glu Leu Trp Arg Cys Val Cys Gly Gly Glu Asp Ser Ile
 50 55 60

Xaa Arg Gly Val His Xaa Ala Glu Ala Val Xaa Cys Gln Gly Xaa Met
 65 70 75 80

Ala Leu Thr Ala

7513

<210> 8487
<211> 38
<212> PRT
<213> Homo sapiens

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<400> 8487
Met Tyr Lys Xaa Ser Tyr Ile Leu Xaa Xaa Arg Gln Asn Ile Met Val
1 5 10 15
Glu Pro Asn Leu Ile Cys Ser Leu Ser Asn Ile Glu Xaa Phe Lys Arg
20 25 30
Tyr Xaa Ile Met Met Asn
35

<210> 8488
<211> 71
<212> PRT
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7514

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7515

<400> 8488

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Leu Ile His Tyr Xaa Lys Lys Arg Met Gly Glu Lys Xaa Lys Xaa Ala
 1             5             10             15

Leu Arg Pro Pro Thr Thr Ala Met His Ala Ser Ser Ile Xaa His Xaa
          20             25             30

Ser Ser Leu Xaa Arg Tyr Asn Ala Cys Trp Lys Pro Cys Val Pro Thr
          35             40             45

Asn Arg Leu Thr His Pro Xaa Xaa Val Gly Asn Glu Xaa Ala Ala Val
          50             55             60

Ala Phe His Ser Gly Xaa Xaa
 65             70

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<210> 8489

<211> 34

<212> PRT

<213> Homo sapiens

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<400> 8489

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Val Val Arg Asn Leu Xaa Ala Trp Thr Xaa Ser Asn Arg Cys Ser Tyr
 1             5             10             15

Ser Ser Trp Cys Ala Cys Xaa Leu Pro Ile Leu Xaa Pro Thr Phe Leu
          20             25             30

Leu Leu

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7516

<210> 8490

<211> 53

<212> PRT

<213> Homo sapiens

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<400> 8490

Xaa Tyr Xaa Ser Leu Val Glu Leu Ile Met Ile Cys Pro Arg Xaa Gly

1

5

10

15

Phe Leu Glu Leu Xaa Ser Ser Pro Asn Xaa Pro Asp Pro Lys Val Arg

20

25

30

7517

Leu Ser Ala Xaa Arg Pro Asp Arg His Thr Gly Arg Gln Gln Ser Thr
 35 40 45

Lys Thr Xaa Asp Ile
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<210> 8491

<211> 41

<212> PRT

<213> Homo sapiens

<220>

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<222> (34)

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<400> 8491

Ser Phe Phe Ser Ile Ala Xaa Ser Pro Ser Xaa Glu Gln Val Glu Xaa
 1 5 10 15

Ala Asn Ala Ser His Ala Arg Met His Glu Ala Val Thr Thr Thr His
 20 25 30

Ala Xaa Ser Leu Ser Cys Pro Gly Lys
 35 40

<210> 8492

<211> 32

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8492

Phe	Val	Val	Asp	Leu	Tyr	Leu	Xaa	Leu	Xaa	Asn	Val	Thr	Lys	Ile	Ser
1				5				10						15	

Tyr	Arg	Tyr	Met	Lys	Leu	Xaa	Xaa	Ser	Lys	Ser	Thr	Ile	Thr	Leu	Asn
			20					25						30	

<210> 8493

<211> 62

<212> PRT

<213> Homo sapiens

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<400> 8493
 Thr Val Ser Ser Ile Asn Gln Gln Xaa Cys Thr Leu Gly Ile Thr Pro
 1 5 10 15
 Asn Asp Xaa Lys Ala Lys Xaa Leu Lys Gly Cys Leu Leu Ile Xaa Arg
 20 25 30
 Thr Ser Pro Xaa Lys Xaa Leu Phe Xaa Asp Cys Xaa Thr Asp Lys Leu
 35 40 45
 Trp Ser Xaa Xaa Arg Asn Val Lys Gln Thr Xaa Val Asn Ile

7520

50

55

60

<210> 8494

<211> 42

<212> PRT

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<400> 8494

Xaa Pro Glu Glu Arg His Val Arg Xaa Trp Phe Gly Gly Ile Arg Glu
1 5 10 15

Ala Ala Gln Val Val Gly Xaa Arg Cys Arg Xaa Arg Leu Phe Gly Thr
20 25 30

Glu Arg Ala Arg Xaa Arg Leu Gly Gly Xaa
35 40

7521

<210> 8495
<211> 70
<212> PRT
<213> Homo sapiens

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1 5 10 15
Gly Xaa Glu Ser Pro Gly Gly Arg Leu Thr Thr Gln Pro Glu Thr Ala
20 25 30
Leu Gly Ser Gln Leu Ile Arg Ser Trp Gly Ser Val Ser Xaa Cys Glu
35 40 45
Pro Leu His Ala Asp Thr Leu Gln Ala Arg Ala Xaa Arg Pro Leu Leu
50 55 60
Leu Gln Leu His Leu Arg
65 70

7522

<210> 8496

<211> 45

<212> PRT

<213> Homo sapiens

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<400> 8496

Ile	Cys	Trp	Phe	Val	Leu	Xaa	Xaa	Leu	Phe	Pro	Thr	Pro	Leu	Asn	Lys
1				5				10					15		

Val	His	Glu	Lys	Tyr	Arg	Pro	Thr	Xaa	His	Cys	Leu	Leu	Cys	Ser	Xaa
			20					25					30		

Lys	Thr	Arg	Gly	Xaa	Xaa	Ser	Phe	Gly	Leu	Leu	Thr	Val
			35				40					45

<210> 8497

<211> 70

7523

<212> PRT

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<400> 8497

Arg	Leu	Ser	Pro	Gly	Ala	Phe	Xaa	Tyr	Val	Xaa	Tyr	Cys	Xaa	Glu	Xaa
1				5				10						15	

Tyr	Thr	Asp	Pro	Leu	Leu	Arg	Arg	Ser	Gly	Pro	Leu	Arg	Glu	Pro	Ser
			20					25					30		

Pro	Thr	Xaa	Pro	Asn	Pro	Lys	Gly	Gln	Leu	Ser	Gly	Pro	Ser	Arg	Arg
		35					40					45			

Thr	Pro	Gly	Xaa	Lys	Glu	Ala	Ala	Leu	Thr	Thr	Ser	Pro	Gln	Glu	Met
		50				55					60				

7524

Ala Gln Ser Val Lys Xaa
65 70

<210> 8498

<211> 67

<212> PRT

<213> Homo sapiens

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<400> 8498

Lys Gly Asn Leu Lys Leu Lys Ser Gln Glu Gly Glu Xaa Ile Asp Arg
1 5 10 15

Xaa Leu Pro Cys Arg Glu Xaa Gln Asp Pro Asp Leu His Asp Ser Glu
20 25 30

Arg His Asp Lys Arg Arg Leu Thr Val Asn Gln Gly Xaa Lys Lys Arg
35 40 45

Xaa Glu Xaa Leu Ala Leu Ser Asn Gln Trp Trp Tyr Lys Asn Gly Gly

7525

50

55

60

Pro Gly Trp

65

<210> 8499

<211> 43

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8499

Leu	Xaa	Lys	Glu	Thr	Arg	Leu	Arg	Pro	Thr	Arg	Ile	Lys	Ala	Xaa	Thr
1						5				10				15	

Lys	Thr	His	Ser	Gly	Arg	Trp	Xaa	Arg	Gly	Xaa	Gly	Trp	Lys	Thr	Met
				20				25					30		

His	Glu	Gly	Xaa	His	Leu	Phe	Ser	Leu	Ala	Xaa
				35				40		

7526

<210> 8500

<211> 31

<212> PRT

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<400> 8500

Asp	Tyr	Xaa	Arg	Thr	Xaa	Tyr	Xaa	Phe	Xaa	Met	Thr	Ser	Asp	Lys	Asp
1				5					10					15	

His	Tyr	Asn	Cys	Pro	Thr	Xaa	Ser	Thr	Val	Tyr	Asn	Ile	Ala	Gly
			20					25					30	

<210> 8501

<211> 66

<212> PRT

<213> Homo sapiens

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7527

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<400> 8501
 Leu Tyr Val Xaa Lys Xaa Leu Ile Leu Asn Glu Gly Xaa Lys Leu Val
 1 5 10 15
 Tyr Cys Val Leu Xaa Arg Gly Ile Thr Leu Cys Gly Ile Val Thr Gly
 20 25 30
 Ile Ser Glu Glu Glu Asn Gly Lys Met Arg Ser Xaa Ile Arg Arg Trp
 35 40 45

7528

Val Asp His Arg Xaa Gln Cys Ile Thr Xaa Xaa Glu Asp Ile Xaa Lys
 50 55 60

Gly Lys
 65

<210> 8502

<211> 34

<212> PRT

<213> Homo sapiens

<220>

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<222> (11)

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<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8502

Asn Ser Leu Pro Ser Glu Leu Leu Thr Phe Xaa Leu Gly Ser Thr Ile
 1 5 10 15

Pro Arg Xaa Gly Asp Asn Gly Thr Asp Thr His Thr Xaa Pro His Arg
 20 25 30

Xaa His

<210> 8503

<211> 43

<212> PRT

<213> Homo sapiens

<220>

7529

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<400> 8503
Glu Trp Gly Arg Gly Gly Leu Lys Ile Leu Trp Gly Gly Xaa Ser Pro
1 5 10 15
Asn Ile Val Pro Pro Ser His Pro Arg Thr Xaa Leu His Ile Asp Ala
20 25 30
Xaa His Arg Gly Gly Ser Lys Leu Pro Leu Ser
35 40

<210> 8504
<211> 46
<212> PRT
<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

7530

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8504

Ile	Val	Phe	Lys	Ala	Xaa	Arg	Gly	Asp	Leu	Gly	Thr	Leu	Gly	Glu	Ser
1				5					10					15	

Thr	Xaa	Arg	Phe	Gly	Met	Xaa	Asn	Pro	Arg	Tyr	Xaa	Ile	Ile	Glu	Gln
			20					25					30		

Xaa	Tyr	Asp	Arg	Asn	Leu	Phe	Ile	Gln	Gln	Ser	Trp	Asp	Val
		35					40					45	

<210> 8505

<211> 70

<212> PRT

<213> Homo sapiens

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7531

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<222> (67)

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<220>

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<222> (69)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8505

Xaa Ala Gln Xaa Arg Asp Gly Ser His Leu Xaa Pro Asp Tyr Ile Xaa

1

5

10

15

Phe Asp Thr Phe Thr His Lys Val Asp Lys Arg Val Thr Lys Phe Val

20

25

30

Gln Asn Ser His Xaa Pro Arg Ala Xaa Thr Asp Ser Ala Gly Thr Gln

35

40

45

Leu Leu Phe Pro Lys Pro Arg Thr Pro His Glu Ser Pro Xaa Pro Xaa

50

55

60

Val His Xaa Arg Xaa Gly

65

70

<210> 8506

<211> 35

<212> PRT

<213> Homo sapiens

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7532

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<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8506

Asn	Glu	Leu	Gly	Met	Glu	Arg	Leu	Ala	Ser	Met	Leu	Gly	Met	Pro	Xaa
1				5					10					15	

Glu	Ala	Pro	Xaa	Asp	Glu	Asp	Thr	Ile	Asn	Leu	Leu	Trp	Xaa	Xaa	Asp
				20				25					30		

Gln	Thr	Thr
		35

<210> 8507

<211> 56

<212> PRT

<213> Homo sapiens

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<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8507

7533

Xaa Thr Ala Xaa Met Xaa Gly Leu Lys Arg Asp Leu Gly Thr Lys Glu
 1 5 10 15

Ile Arg Asn Cys Met Lys Glu Met Glu Xaa Arg Cys Ala His Cys Thr
 20 25 30

Arg Leu Asn Lys Ala Ala Gly Gln Arg Asn Lys Asp Val His Thr Glu
 35 40 45

Ser Val Cys Arg Leu Pro Glu Thr
 50 55

<210> 8508

<211> 31

<212> PRT

<213> Homo sapiens

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<222> (9)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8508

Met Arg Arg Ser Val Pro Ser Trp Xaa Xaa Glu Pro Ala Leu Pro Arg
 1 5 10 15

Xaa Thr Leu Gly Tyr Pro Leu Leu Leu Pro Cys Cys Val Gly Arg
 20 25 30

<210> 8509

<211> 84

<212> PRT

<213> Homo sapiens

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<222> (68)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (69)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8509

Ser	Pro	Xaa	Xaa	Gln	Gly	Val	Arg	Gln	Xaa	Arg	Lys	Cys	Cys	Val	Xaa
1				5					10					15	

Cys	His	Arg	Pro	Ser	Thr	Thr	Cys	Gly	Arg	Thr	Gln	Leu	Leu	Pro	Pro
			20					25					30		

Lys	Pro	Lys	Ala	Pro	Tyr	Asp	Leu	Arg	Thr	Leu	Arg	His	Val	Arg	Gly
		35					40					45			

Gly	Asp	Val	Thr	Thr	Lys	Thr	Arg	Xaa	Pro	Val	Gln	Pro	Gly	Pro	Trp
	50					55					60				

Thr	Ala	Trp	Xaa	Xaa	His	Asn	Ala	Arg	Gln	Ala	Thr	Glu	Glu	Gln	Ser
65					70					75					80

Thr Ala Arg Pro

7535

<210> 8510

<211> 34

<212> PRT

<213> Homo sapiens

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<222> (20)

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<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8510

Glu	Val	His	Arg	Leu	Thr	Cys	Val	Glu	Phe	Cys	Asp	Leu	Val	Cys	Arg
1				5				10					15		

Glu	Thr	Gly	Xaa	Leu	Lys	Xaa	Thr	Leu	Leu	Arg	Tyr	Gln	Leu	Leu	Met
			20					25					30		

Ile Ser

<210> 8511

<211> 31

<212> PRT

<213> Homo sapiens

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<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8511

Leu Lys Ser Xaa Leu Glu Thr Ser Tyr Ile Ser Leu Phe Asn Ile Xaa

7536

1	5	10	15											
Lys	Glu	Thr	Asn	Cys	Gln	Gly	Leu	Cys	Arg	Gln	His	Xaa	Ile	Ser
			20					25					30	

<210> 8512

<211> 64

<212> PRT

<213> Homo sapiens

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7537

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<400> 8512

Leu Ile Xaa Thr Thr Xaa Ser Glu Lys Pro Leu Pro Arg Ile Xaa Leu
1 5 10 15

Lys Arg Thr Trp Thr Xaa Xaa Leu Phe Thr Asp Trp Leu Ser Ser Gln
20 25 30

Glu Arg Thr Lys Ser Thr Thr Gly Ser Ser Arg Lys Ser Gly Xaa Xaa
35 40 45

Leu Glu Ile Xaa Arg Glu Xaa Gln Cys Ser Glu Gly Glu Xaa Thr Ser
50 55 60

<210> 8513

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<220>

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7538

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<400> 8513

Tyr	Thr	Cys	Ile	Val	Arg	Lys	Cys	Asp	Xaa	Ala	Arg	Val	Ser	Asn	Asn
1				5				10					15		

Xaa	Pro	Tyr	Lys	Pro	Gln	Gln	Xaa	Xaa	His	Leu	Ile	Phe	Arg	Lys	Lys
			20				25						30		

Arg

<210> 8514

<211> 76

<212> PRT

<213> Homo sapiens

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7539

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<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 8514

Ala	Glu	Thr	Leu	Leu	Glu	Cys	Val	Xaa	Cys	His	Leu	Trp	Arg	Phe	Gly
1				5				10						15	

Leu	Xaa	Arg	Cys	Lys	Trp	Thr	Ala	Pro	Ser	Ala	Ala	Leu	Leu	Trp	Arg
			20					25					30		

Leu	Trp	Xaa	Glu	Glu	Leu	Val	Thr	Xaa	Val	Thr	Lys	Trp	Trp	Leu	Cys
		35					40					45			

Ala	Xaa	Leu	Pro	Xaa	Leu	Xaa	His	Gly	Pro	Ser	Val	Val	Arg	His	Leu
	50					55					60				

Gln	Arg	Xaa	Arg	Pro	Ala	Leu	His	Asp	Arg	Leu	Xaa
65						70				75	

<210> 8515

<211> 40

<212> PRT

<213> Homo sapiens

<220>

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<400> 8515

Tyr	Gly	Glu	Thr	Arg	Leu	Thr	Phe	Gly	Lys	Ala	Ala	Thr	Pro	Ala	Gly
1					5				10					15	

Thr	Gly	Pro	Glu	Phe	Pro	Gly	Leu	Pro	Thr	Leu	Xaa	Leu	Lys	Ser	Cys
			20					25					30		

Cys	Phe	Phe	His	Lys	Lys	Lys	Lys
		35				40	

7540

<210> 8516

<211> 64

<212> PRT

<213> Homo sapiens

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<222> (3)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8516

Arg	Arg	Xaa	Trp	Glu	Arg	Thr	Thr	Glu	Lys	Trp	Xaa	Asp	Val	Asp	Gly
1				5				10					15		

Val	Pro	Leu	Val	Ser	Ala	Leu	Val	Leu	Leu	Trp	Gly	Asn	Val	Leu	Tyr
		20						25					30		

Xaa	Phe	Lys	Gly	Leu	Cys	Gly	Gln	Glu	Ser	Leu	Gly	Asn	Thr	Val	Pro
		35					40					45			

Asn	Val	Cys	Lys	Pro	His	Asp	Pro	Ile	Gln	Leu	His	Asp	Ser	Phe	Tyr
	50					55					60				

<210> 8517

<211> 80

<212> PRT

<213> Homo sapiens

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7541

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<221> SITE

<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8517

His Gly Gly Ala Ala Xaa Ala Pro Arg Arg Gly Arg Ala Ser Arg Ala
1 5 10 15

Gly Ser Ala Pro Ala Leu Ser Arg Gly Gly Gly Ala Glu Asp Ala Pro
20 25 30

Ala Ala Gly Ala Ser Ala Leu Ser Glu Ala Gly Arg Ala Ala Asp Ala
35 40 45

Pro Gly Gln Gly Arg Glu Xaa Trp Arg Arg Arg Arg Met Ala Leu Thr
50 55 60

Gly Ala Val Ser Glu Pro Leu Arg Ser Pro Gly Glu Ala Trp Pro Ser
65 70 75 80

<210> 8518

<211> 43

<212> PRT

<213> Homo sapiens

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7542

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8518

Val	Arg	Asp	Xaa	Phe	Gly	Xaa	Ala	Pro	Gly	Pro	Val	Leu	Pro	Gly	Arg
1				5				10				15			

Pro	Thr	Arg	Ala	Lys	Xaa	Xaa	Ile	His	Val	Phe	Glu	His	Leu	Met	Val
			20				25						30		

Xaa	Thr	Val	Leu	Asn	Val	Met	Leu	Gly	Xaa	Lys
		35						40		

<210> 8519

<211> 48

<212> PRT

<213> Homo sapiens

<220>

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<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

7543

<400> 8519

Xaa	Gly	Asn	Ala	Pro	Tyr	Arg	Val	Arg	Trp	Asn	Ala	Arg	Arg	Tyr	Arg
1				5					10					15	
Ser	Gly	Ile	Ser	Gly	Ser	Thr	His	Ala	Ser	Gly	Val	Xaa	Xaa	Gly	Leu
			20					25						30	
Gly	Thr	Thr	Val	Leu	Met	Glu	Gly	Glu	Ala	Thr	Xaa	Arg	Lys	Xaa	Asp
			35				40					45			

<210> 8520

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<213> Homo sapiens

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7544

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<400> 8520
 Xaa Xaa Tyr Arg Val Arg Trp Asn Ala Arg Arg Tyr Arg Ser Gly Ile
 1 5 10 15
 Xaa Gly Ser Thr His Ala Ser Gly Ala Xaa Arg Asp Gln Ile Arg Glu
 20 25 30
 Pro Val Ser Leu Xaa His Gly Leu Arg Arg Pro Arg Val Gly Ala Ala
 35 40 45
 Pro Pro Gln Pro Ala Ala His Ala His Leu Leu Glu Arg Leu Leu Gln
 50 55 60
 Leu Arg Pro Val His Arg Leu Pro Gly Ala His Ala Ala Gly Pro Ala
 65 70 75 80
 Leu Ser Asp Ala Gln Leu Ala Ala Pro Asp Leu Leu Gly Leu Leu Xaa
 85 90 95
 Ala Xaa Xaa Xaa
 100

<210> 8521
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<400> 8521
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1 5 10 15
Pro Phe Glu Pro Leu Xaa Phe Tyr Leu Ala Gln Ala Pro Arg Phe Met
20 25 30
Phe Ser Arg Ser Lys Leu Cys Met Xaa Ser Leu Arg Arg Leu Gly Glu
35 40 45
Glu Xaa Xaa Xaa Gln Xaa Trp Asp
50 55

<210> 8522
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<400> 8522

Arg	Glu	Lys	Cys	Pro	His	Leu	Leu	Xaa	Ser	Xaa	Ser	Leu	Thr	Xaa	Ser
1					5				10					15	

His	Xaa	Leu	Xaa	Ser	Asp	Pro	Xaa	Phe	Thr	Xaa	Asp	Leu	Pro	Leu	Leu
		20						25				30			

Arg	Ser	Ser	Ser	Ser	Xaa	Xaa	Thr
		35				40	

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7547

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<400> 8523

Xaa	Xaa	Lys	Ala	Pro	Val	Arg	Ile	Trp	Arg	Val	Asp	Pro	Arg	Cys	Pro
1				5				10						15	

Xaa	Xaa	Phe	Leu	Leu	Gly	Asn	Ala	Xaa	Asn	His	Val	Leu	Asp	Glu	Cys
			20					25					30		

<210> 8524

<211> 35

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<400> 8524

Gly	Trp	Asn	Ala	Arg	Arg	Tyr	Arg	Xaa	Gly	Ile	Xaa	Gly	Ser	Thr	His
1				5					10					15	

Ala	Xaa	Gly	His	Asn	Xaa	Gly	Ser	Pro	Gly	Leu	Lys	Gln	Xaa	Gly	Trp
			20					25					30		

Asn	Pro	Gln
		35

<210> 8525

<211> 54

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<213> Homo sapiens

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<400> 8525
Thr Thr Asp Xaa Ser Glu Thr Xaa His Tyr Arg Val Arg Xaa Asn Ala
1 5 10 15
Arg Arg Tyr Arg Ser Gly Ile Pro Gly Ser Thr His Ala Ser Gly Thr
20 25 30
Leu Leu Lys Phe Leu Cys Lys Leu Gly Leu Cys Xaa Ser Xaa Ser Cys
35 40 45
Val Ser Arg Thr Val Xaa
50

<210> 8526
<211> 64
<212> PRT
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 Thr Leu Xaa Xaa Ser Pro Xaa Glu Ser Ala Xaa His Ala Ser Asn Trp
 1 5 10 15

 Pro Thr Ala Cys Leu Ser Ala Asp Glu Leu Arg Ile Cys Lys Thr Val
 20 25 30

 Gln Leu Gln Gln Xaa Ser Leu Ser Arg Thr Ser Xaa Ala Thr His Xaa
 35 40 45

 His Arg Ile Ser Leu Xaa Ile Val Leu Cys Ser Ala Asn Gly Met Leu
 50 55 60

<210> 8527
 <211> 47
 <212> PRT
 <213> Homo sapiens

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7551

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<400> 8527
Tyr Xaa Xaa Asp Asp Leu Phe Pro Pro Cys Ala Gly Lys Arg His Arg
1 5 10 15
Arg Pro Gly Ile Ala Lys Leu Ser Leu Xaa Lys Asp Asp Leu Asp Xaa
20 25 30
Ser Arg Ala Xaa Ala Ser Ser Arg Arg Gly Arg Phe Val Lys Pro
35 40 45

<210> 8528
<211> 36
<212> PRT
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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8528

Tyr	Ala	Asp	Asp	Ile	Arg	Leu	Phe	Ser	Lys	His	Pro	Pro	Ser	Ser	Thr
1				5					10					15	

Glu	Cys	Asp	Val	Xaa	Pro	Gln	Xaa	Leu	Xaa	Gly	Leu	Arg	Trp	Xaa	His
			20					25					30		

Ser	Ser	Leu	Glu
			35

<210> 8529

<211> 27

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8529

Leu	Pro	Val	Tyr	Xaa	Gly	Xaa	Leu	Gly	Thr	Thr	Arg	Asn	Leu	Asn	Ser
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7553

1	5	10	15
---	---	----	----

Lys Trp Pro Ser Xaa Xaa Thr Leu Cys Ile Xaa
 20 25

<210> 8530
 <211> 38
 <212> PRT
 <213> Homo sapiens

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<400> 8530
 Xaa Thr Xaa Pro Lys Gln Ala Ser Arg Asn Ser Gly Arg Xaa Gln Gly
 1 5 10 15
 Cys Ser Val Gln Ala Thr Cys Val Ala Arg Xaa Xaa Leu Tyr Leu Leu
 20 25 30
 Phe Xaa Thr Asn Ala Ala
 35

7554

<210> 8531
<211> 34
<212> PRT
<213> Homo sapiens

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<400> 8531
Ile Gly Gly Ser Met Trp Ile Xaa Cys Leu Ile Ser Xaa Ala Ser Xaa
1 5 10 15
His Leu Leu Arg Ala Val Ile Glu Pro Ser Ser Xaa Ala Thr Gly Glu
20 25 30

His Met

<210> 8532
<211> 47
<212> PRT
<213> Homo sapiens

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<400> 8532

Trp	Thr	Xaa	Xaa	Arg	Pro	Xaa	Gly	Val	Val	Pro	Asn	Ser	Ser	Leu	Xaa
1				5				10						15	

Cys	Arg	Gln	Asp	Leu	Asn	Thr	Asn	Glu	Ile	Leu	Gln	Pro	Leu	Thr	Glu
			20					25					30		

Asn	Arg	Ala	His	Arg	Ser	Ser	Val	Thr	Lys	Gly	Glu	Thr	Leu	Thr
			35					40					45	

<210> 8533

<211> 44

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<400> 8533
Xaa Val Asp Arg Ser Val Ser Xaa Ala Glu Pro Xaa Leu Pro Thr Leu
1 5 10 15
His Pro Arg Val His Phe Ser Ala Leu Xaa Leu Arg Xaa His Thr Thr
20 25 30
Asp Ser Thr Thr Thr Cys Xaa Gly Arg Arg Leu Ser
35 40

<210> 8534
<211> 56
<212> PRT
<213> Homo sapiens

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7557

<400> 8534

Asn Pro Leu Thr Thr Arg Arg Ala Pro Val Xaa Trp Ala Val Cys Leu
 1 5 10 15

Gly Leu Trp Xaa Ser Xaa Asn Gly Arg Leu Xaa Ser Ala Pro Ile Arg
 20 25 30

Thr Leu Glu Ser Gly Ser Ser Leu Met Ser Ser Arg Pro Pro Xaa Arg
 35 40 45

Met Glu Gln Leu Leu Asp Gly Thr
 50 55

<210> 8535

<211> 33

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8535

Gly Lys Xaa Pro Gly Thr Ser Trp Xaa Lys Gly Pro Pro Phe Xaa Gly
 1 5 10 15

Lys Thr Gly Pro Arg Lys Lys Gly Arg Xaa Xaa Arg Ala Ala Thr Lys

7559

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<400> 8537

Ser Ala Ala Xaa Xaa Ser Arg Gln Ser Ala Thr Ile Glu Ala Ala

1

5

10

15

<210> 8538

<211> 81

<212> PRT

<213> Homo sapiens

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<400> 8538

Ala Pro Phe Pro Tyr Leu Ser Leu Leu Xaa Ser Pro Gly Leu Pro Leu

1

5

10

15

Met Thr Ser Pro Leu Pro Ser Thr Asp Leu Ile Phe Asn Ser Ala Thr

20

25

30

Pro Ser Ser Asn Pro Leu Xaa Phe Pro Ile Leu Leu Leu Xaa Cys Ile

35

40

45

Glu Gly Ser Met His Xaa Gly Val Ser Ser Gly Phe Arg Gly Pro Xaa

50

55

60

His Pro Xaa Ala Thr Leu Asp Leu Cys Pro Pro Xaa Pro Gln Ser Pro

65

70

75

80

His

<210> 8539

<211> 37

<212> PRT

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<400> 8539

Arg Gln Ile His Ser Thr Xaa Xaa Val Arg Asp Pro Trp Ala Tyr Arg

1

5

10

15

Val Phe Pro Xaa Gln Cys Ala Glu Trp Lys Pro Leu Pro Asp Pro Phe

20

25

30

7561

Pro Asn Trp Ser Cys
35

<210> 8540

<211> 93

<212> PRT

<213> Homo sapiens

<400> 8540

Thr Lys Tyr Pro Pro Ile Lys Lys Val Ile Asn Trp Val Thr Glu Ala
1 5 10 15

Glu Ile Thr Ile Tyr Val Leu Gln Tyr Pro Ala Ala His Pro Asn Met
20 25 30

Glu Ala Gly Pro Pro Glu Ser Gly Glu Ser Thr Asp Ala Leu Lys Leu
35 40 45

Cys Pro His Glu Glu Phe Leu Arg Leu Cys Lys Glu Arg Ala Glu Glu
50 55 60

Ile Tyr Pro Ile Lys Glu Arg Asn Asn Arg Thr Arg Leu Ala Leu Ile
65 70 75 80

Ile Cys Asn Thr Glu Phe Asp His Leu Pro Pro Arg Asn
85 90

<210> 8541

<211> 120

<212> PRT

<213> Homo sapiens

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<400> 8541

Val Cys Gly Ala Glu Glu Gly Cys Gly Cys Cys Leu His Glu Gln Val
1 5 10 15

Glu Leu Glu Ala Lys Val Asp Ala Leu Asn Asp Glu Ile Asn Phe Leu
20 25 30

Arg Thr Leu Asn Glu Thr Glu Leu Thr Glu Leu Gln Ser Gln Ile Ser
35 40 45

7562

Asp Thr Ser Val Val Leu Ser Met Asp Asn Ser Arg Ser Leu Asp Leu
50 55 60

Asp Gly Ile Ile Ala Glu Val Lys Ala Gln Tyr Glu Glu Met Ala Lys
65 70 75 80

Cys Ser Arg Ala Glu Ala Glu Ala Trp Tyr Gln Thr Lys Phe Glu Thr
85 90 95

Leu Gln Ala Gln Ala Gly Lys His Xaa Asp Asp Leu Arg Asn Thr Arg
100 105 110

Asn Glu Ile Ser Glu Met Asn Arg
115 120

<210> 8542

<211> 72

<212> PRT

<213> Homo sapiens

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<400> 8542

Leu	Pro	Leu	Ser	Lys	Leu	Thr	Leu	Thr	Lys	Gly	Asn	Lys	Xaa	Trp	Ser
1				5					10					15	

Ser	Thr	Ala	Val	Ala	Ala	Ala	Leu	Glu	Leu	Val	Asp	Pro	Pro	Gly	Cys
			20					25					30		

Lys	Glu	Ile	Arg	Xaa	Asn	Ser	Gln	Xaa	Thr	Ala	Lys	Val	Xaa	Xaa	Thr
		35					40					45			

Pro	Pro	Xaa	Ile	Pro	Ser	Tyr	Xaa	Gly	Pro	Xaa	Glu	Ser	Ser	Cys	Ser
		50				55					60				

Xaa	Asn	Gln	Ala	Xaa	Phe	Xaa	Pro
65					70		

<210> 8543

<211> 35

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

7564

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8543

Ala	Xaa	Xaa	Thr	Lys	Gly	Asn	Lys	Ser	Trp	Ser	Ser	Thr	Ala	Val	Ala
1				5					10					15	

Ala	Ala	Leu	Glu	Leu	Val	Asp	Pro	Pro	Gly	Cys	Arg	Asn	Ser	Ala	Arg
			20						25					30	

Val	Pro	Phe
		35

<210> 8544

<211> 87

<212> PRT

<213> Homo sapiens

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<220>

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<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8544

Val	Met	Lys	Val	Trp	Asp	Ala	His	Val	Thr	Ala	Val	Cys	Ser	Gln	Asp
1				5					10					15	

Ala	Ser	Glu	Leu	Val	Xaa	Lys	Leu	Gly	Ala	Asp	Asp	Val	Ile	Asp	Tyr
			20					25					30		

Lys	Ser	Gly	Ser	Val	Glu	Glu	Gln	Leu	Lys	Ser	Leu	Lys	Pro	Phe	Asp
		35					40					45			

Phe	Ile	Leu	Asp	Asn	Val	Gly	Gly	Ser	Thr	Glu	Thr	Trp	Ala	Pro	Asp
	50					55					60				

Phe	Leu	Xaa	Lys	Trp	Ser	Gly	Ala	Thr	Tyr	Val	Thr	Leu	Val	Thr	Pro
65					70					75					80

7565

Phe Leu Leu Asn Met Asp Arg
85

<210> 8545

<211> 53

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8545

Val	Xaa	Leu	Xaa	Ile	Asn	Met	Leu	Ala	Phe	Ile	Pro	Val	Leu	Thr	Lys
1				5					10					15	

Lys	Ile	Asn	Pro	Arg	Ser	Thr	Glu	Ala	Ala	Ile	Lys	Tyr	Phe	Leu	Thr
			20					25					30		

Gln	Ala	Thr	Ala	Ser	Ile	Ile	Leu	Leu	Ile	Ala	Ile	Leu	Phe	Asn	Asn
		35					40						45		

Ile	Leu	Ser	Gly	Gln
		50		

<210> 8546

<211> 92

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7566

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (83)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (85)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8546

Ile Asn Met Leu Ala Phe Ile Pro Val Leu Xaa Lys Lys Ile Asn Pro

1

5

10

15

Arg Ser Thr Glu Ala Ala Ile Xaa Leu Phe Pro His Ala Ser Xaa Arg

20

25

30

Ile Xaa Xaa Pro Ser Asn Gly Tyr Pro Leu Gln Gln Tyr Thr Leu Arg

35

40

45

Asn Asn Glu Thr Ile Thr Asn Thr Thr Xaa Gln Tyr Ser Ser Leu Asp

50

55

60

Lys His Xaa Gly Tyr Trp Gln Leu Lys Leu Gly Ile Ala Pro Leu Ser

65

70

75

80

Leu Leu Xaa Pro Xaa Arg Leu Pro Gln Gly Thr Pro

7567

85

90

<210> 8547

<211> 53

<212> PRT

<213> Homo sapiens

<400> 8547

Leu Pro Gln Leu Asn Gly Tyr Ile Glu Lys Ser Thr Pro Tyr Glu Cys
 1 5 10 15

Gly Phe Asp Pro Ile Ser Pro Ala Arg Val Pro Phe Ser Ile Lys Phe
 20 25 30

Phe Leu Val Ala Ile Thr Phe Leu Leu Phe Asp Leu Glu Ile Ala Leu
 35 40 45

Leu Leu Pro Leu Pro
 50

<210> 8548

<211> 179

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (160)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (175)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (178)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8548

Val Asn Ile Ala His Gln Ile Ser Leu Arg Ser Glu Ala Phe Phe His
 1 5 10 15

Ala Met Thr Ser Gln His Glu Leu Gln Asp Tyr Leu Arg Lys Thr Ser
 20 25 30

7568

Gln Ala Val Lys Met Leu Arg Asp Lys Ile Ala Gln Ile Asp Lys Val
 35 40 45
 Met Cys Glu Gly Ser Leu His Ile Leu Arg Leu Ala Leu Thr Arg Asn
 50 55 60
 Asn Cys Val Lys Val Tyr Asn Lys Leu Lys Leu Met Ala Thr Val His
 65 70 75 80
 Gln Thr Gln Pro Thr Val Gln Val Leu Leu Ser Thr Ser Glu Phe Val
 85 90 95
 Gly Ala Leu Asp Leu Ile Ala Thr Thr Gln Glu Val Leu Gln Gln Glu
 100 105 110
 Leu Gln Gly Ile His Ser Phe Arg His Leu Gly Ser Gln Leu Cys Glu
 115 120 125
 Leu Glu Lys Leu Ile Asp Lys Met Met Ile Ala Glu Phe Ser Thr Tyr
 130 135 140
 Ser His Ser Asp Leu Asn Arg Pro Leu Glu Asp Asp Cys Gln Val Xaa
 145 150 155 160
 Lys Glu Glu Arg Leu Ile Ser Leu Gly Phe Gly Phe Lys Thr Xaa Lys
 165 170 175
 Ala Xaa Phe

<210> 8549

<211> 165

<212> PRT

<213> Homo sapiens

<400> 8549

Glu Glu His Pro Leu Ser Leu Gly Asp Gln Val Thr Pro Ile Ile Asp
 1 5 10 15
 Leu Met Ala Ile Ser Asn Ala His Phe Ala Lys Leu Arg Asp Phe Ile
 20 25 30
 Thr Leu Arg Leu Pro Pro Gly Phe Pro Val Lys Ile Glu Ile Pro Leu
 35 40 45
 Phe His Val Leu Asn Ala Arg Ile Thr Phe Ser Asn Leu Cys Gly Cys
 50 55 60
 Asp Glu Pro Leu Ser Ser Val Trp Val Pro Ala Pro Ser Ser Ala Val

7569

65		70		75		80									
Ala	Ala	Ser	Gly	Asn	Pro	Phe	Pro	Cys	Glu	Val	Asp	Pro	Thr	Val	Phe
				85					90					95	
Glu	Val	Pro	Asn	Gly	Tyr	Ser	Val	Leu	Gly	Met	Glu	Arg	Asn	Glu	Pro
			100					105					110		
Leu	Arg	Asp	Glu	Asp	Asp	Asp	Leu	Leu	Gln	Phe	Ala	Ile	Gln	Gln	Ser
		115					120					125			
Leu	Leu	Glu	Ala	Gly	Thr	Glu	Ala	Glu	Gln	Val	Gly	Leu	Ala	Gln	Gly
	130					135					140				
Val	Gly	Ser	Gly	Leu	Cys	Arg	His	Thr	Ala	Glu	Val	Thr	Ala	Val	Gly
145					150					155					160
Ser	Gly	Gly	Cys	Arg											
			165												

<210> 8550

<211> 43

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8550

Ile	Gly	Gly	Ile	Thr	Ala	Pro	Thr	Val	Arg	Gln	Tyr	Tyr	Ala	Xaa	Leu
1				5					10					15	

7570

Thr Xaa Thr Gln Cys Lys Pro Val Xaa Thr Gln Cys Trp Val Phe Gly
 20 25 30

Val Ile Gly Phe Leu Gly Xaa Pro Leu Phe Ala
 35 40

<210> 8551

<211> 120

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (99)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (112)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8551

Gln Lys Ile Cys Leu Ile Gln His Glu Arg Cys His Thr Gly Lys Thr
 1 5 10 15

Pro Phe Val Cys Thr Glu Cys Gly Lys Ser Tyr Ser His Lys Tyr Gly
 20 25 30

Leu Ile Thr His Gln Arg Ile His Thr Gly Glu Lys Pro Tyr Glu Cys
 35 40 45

Asn Glu Cys Gly Lys Ala Phe Thr Thr Lys Ser Val Leu Asn Val His
 50 55 60

Gln Arg Thr His Thr Gly Glu Arg Pro Tyr Gly Cys Ser Asp Cys Glu
 65 70 75 80

Lys Ala Phe Ser His Leu Ser Asn Leu Val Lys His Lys Lys Met His
 85 90 95

Thr Arg Xaa Met Gly Arg Ile Ser Gln Val Glu Asn Ser Cys Asn Xaa
 100 105 110

Glu Ser Gln Leu Leu Pro Tyr Lys
 115 120

<210> 8552

7571

<211> 155

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8552

Trp Ile Pro Arg Ala Ala Gly Ile Arg His Glu Val Ser Gly Ala Ile

1

5

10

15

Arg Ala Xaa Pro Asp Gly Thr Ser Trp Ser Cys Glu Gly Thr Gln Gly

20

25

30

Gln Glu Lys Met Met Met Met Gly Pro Lys Glu Glu Glu Gln Ser Cys

35

40

45

Glu Tyr Glu Thr Arg Leu Pro Gly Asn His Ser Thr Ser Gln Glu Ile

50

55

60

Phe Arg Gln Arg Phe Arg His Leu Arg Tyr Gln Glu Thr Pro Gly Pro

65

70

75

80

Arg Glu Ala Leu Ser Gln Leu Arg Val Leu Cys Cys Glu Trp Leu Arg

85

90

95

Pro Glu Lys His Thr Lys Glu Gln Ile Leu Glu Phe Leu Val Leu Glu

100

105

110

Gln Phe Leu Thr Ile Leu Pro Glu Glu Leu Gln Ser Trp Val Arg Gly

115

120

125

His His Pro Lys Ser Gly Glu Glu Ala Val Thr Val Leu Glu Asp Leu

130

135

140

Glu Lys Gly Leu Glu Pro Glu Pro Gln Ser Gln

145

150

155

<210> 8553

<211> 43

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

7572

<400> 8553

Val Trp Glu Gly Leu Gln Glu Thr Ala Xaa Ala Ser Gln Cys Ile Lys
 1 5 10 15

Gly Ser Thr Gln Val Lys Pro His Tyr Glu Cys Asp Glu Cys Gly Lys
 20 25 30

Ala Tyr Ile Ser His Ser Ser Leu Ile Gln Ser
 35 40

<210> 8554

<211> 68

<212> PRT

<213> Homo sapiens

<400> 8554

Pro Ile Leu Pro Leu Ser Thr Leu Lys Ala Trp Ser Gly Ala Ala Leu
 1 5 10 15

Thr Val His Leu Leu Phe Arg Pro Gln Ile Ala Leu Ser Pro Ser Asp
 20 25 30

Pro Leu Ser Cys Arg Pro Gly Asn Ala Cys Cys Gln His Arg Pro Leu
 35 40 45

Pro Gly Ser Ser Gly Gln Pro Gly Ala Gly Val Leu Arg Lys Pro Pro
 50 55 60

Pro Gln Ala Leu
 65

<210> 8555

<211> 733

<212> DNA

<213> Homo sapiens

<400> 8555

gggatccgga gcccaaattct tctgacaaaa ctcacacatg cccaccgtgc ccagcacctg 60
 aattcgaggg tgcaccgtca gtcttctctt tcccccaaa acccaaggac accctcatga 120
 tctcccgga tcctgaggtc acatgcgtgg tgggtggacgt aagccacgaa gaccctgagg 180
 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240
 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300
 ggctgaatgg caaggagtac aagtgcagg tctccaacaa agccctccca acccccatcg 360
 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420
 catcccgga tgagctgacc aagaaccagg tcagcctgac ctgcctgggc aaaggcttct 480
 atccaagcga catcgccgtg gagggggaga gcaatgggca gccggagAAC aactacaaga 540
 ccacgcctcc cgtgctggac tccgacggct ccttcttctt ctacagcaag ctcaccgtgg 600

7573

acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggctctgc 660
acaaccacta caccagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc 720
gactctagag gat 733

<210> 8556

<211> 5

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any amino acid

<400> 8556

Trp Ser Xaa Trp Ser

1

5

<210> 8557

<211> 86

<212> DNA

<213> Artificial Sequence

<220>

<221> Primer_Bind

<223> Synthetic sequence with 4 tandem copies of the GAS binding site found in the IRF1 promoter (Rothman et al., Immunity 1:457-468 (1994)), 18 nucleotides complementary to the SV40 early promoter, and a Xho I restriction site.

<400> 8557

gcgcctcgag atttccccga aatctagatt tccccgaaat gatttccccg aaatgatttc 60
cccgaaatat ctgccatctc aattag 86

<210> 8558

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<221> Primer_Bind

<223> Synthetic sequence complementary to the SV40 promoter and including a Hind III restriction site.

<400> 8558

gcggcaagct ttttgcaaag cctaggc

27

<210> 8559

<211> 271

7574

<212> DNA

<213> Artificial Sequence

<220>

<221> Protein_Bind

<223> Synthetic promoter for use in biological assays; includes GAS binding sites found in the IRF1 promoter (Rothman et al., Immunity 1:457-468 (1994)).

<400> 8559

```
ctcgagattt ccccgaaatc tagatttccc cgaaatgatt tccccgaaat gatttccccg 60
aaatatctgc catctcaatt agtcagcaac catagtcccc cccctaactc cgcccatccc 120
gccctaact ccgcccagtt ccgcccattc tccgccccat ggctgactaa ttttttttat 180
ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt 240
ttttggaggc ctaggctttt gcaaaaagct t 271
```

<210> 8560

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<221> Primer_Bind

<223> Synthetic primer complementary to human genomic EGR-1 promoter sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); including an Xho I restriction site.

<400> 8560

```
gcgctcgagg gatgacagcg atagaacccc gg 32
```

<210> 8561

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<221> Primer_Bind

<223> Synthetic primer complementary to human genomic EGR-1 promoter sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); including an Hind III restriction site.

<400> 8561

```
gcgaagcttc gcgactcccc ggatccgcct c 31
```

<210> 8562

<211> 12

<212> DNA

<213> Homo sapiens

<400> 8562

```
ggggactttc cc 12
```

7575

<210> 8563

<211> 73

<212> DNA

<213> Artificial Sequence

<220>

<221> Primer_Bind

<223> Synthetic primer with 4 tandem copies of the NF-KB binding site (GGGGACTTTCCC), 18 nucleotides complementary to the 5' end of the SV40 early promoter sequence, and a XhoI restriction site.

<400> 8563

gcggcctcga ggggactttc ccggggactt tccggggact ttccgggact ttccatcctg 60
ccatctcaat tag 73

<210> 8564

<211> 256

<212> DNA

<213> Artificial Sequence

<220>

<221> Protein_Bind

<223> Synthetic promoter for use in biological assays; including NF-KB binding sites.

<400> 8564

ctcgagggga ctttcccgga gactttccgg ggactttccg ggactttcca tctgccatct 60
caattagtca gcaaccatag tcccggccct aactccgcc atcccggccc taactccgcc 120
cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga 180
ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg 240
cttttgcaaa aagctt 256